

# **Curriculum Vitae**

## **Vernon Johan Louw**



## Personal details

**Name:** Vernon Johan Louw  
**Date of Birth:** 28 November 1969  
**Place of Birth:** Pinelands, Cape Town, South Africa  
**Nationality:** South African  
**Marriage Status:** Married to Hymne (three daughters – Talitha Soleil, Danielle-Verné and Anna-Mart Simone)  
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**LinkedIn:** Vernon Louw on LinkedIn  
**Languages:** Fluent in Afrikaans, English, Dutch/Flemish  
 Basic knowledge of French, German and Xhosa

## Biographical summary

Full Professor and Head of the Department of Internal Medicine at the School of Medicine, Faculty of Health Sciences, University of the Free State, South Africa. After completing my medical degree (MBChB) and specialist training as physician (M.Med in Internal Medicine) at the University of Stellenbosch (both *cum laude*), I spent three years at the Katholieke Universiteit Leuven and the Universitaire Ziekenhuis Gasthuisberg in Leuven, Belgium in Clinical Haematology from January 2001 to December 2003. In January 2004 I accepted the position of Head of Clinical Haematology, a subdivision of the Department of Internal Medicine at the University of the Free State. In 2011, he obtained his Ph.D. in Health Professions Education at the University of the Free State on the development of a postgraduate education programme for medical doctors in Transfusion Medicine. This contributed to the development of the first Anglophone Postgraduate Diploma and Master's Degree Programmes in Transfusion Medicine in Africa, which has graduated more than 30 students from all over Africa. I became Acting Head of the Department of Internal Medicine in April 2013 after the retirement of the previous Head of Department. In September 2013 I was appointed Head of the Department of Internal Medicine. In June 2014, I was elected to be the Chairperson of the Faculty of Health Sciences Research Committee and as a member of the Executive Committee of the School of Medicine and a member of the Faculty of Health Sciences Research Committee. I have served on many other committees over the years, *inter alia* on the School of Medicine Selection Committee, the Institutional Pathology Committee, the Museum Committee and the Blood Conservation Committee. I have received a number of awards, bursaries, grants and academic honours, including Academic Honours for being the top student in medicine at the University of Stellenbosch as an undergraduate student and the University of Stellenbosch Andries Brink medal for the best Postgraduate Student of all Health-related disciplines in the year 2000.

My research focus is in Transfusion medicine education, haematological malignancies and HIV-related haematological disease. I have authored or co-authored more than 70 papers in national and international peer-reviewed medical journals with more than 200 poster and oral presentations at national, and international meetings. I am a member of, *inter alia*, the American Society of Hematology (ASH), the International Society of Hematology (ISH), the European Haematology Association (EHA), the African Society for Blood Transfusion (AfSBT), the South African Society for Haematology (SASH), the South African Lymphoma Study Group (SASLG) and I am a founding member of the South African Society for Clinical Haematology (SASCH). I have also served on the scientific and organizing committees of a number of national and international conferences. I serve

on the editorial board or as reviewer for a number of national and international medical journals, and is a member of and chairs a number of national and international advisory boards and trusts.

My major strengths include strategic leadership, building visionary teams and clinical teaching. My vision is to develop online learning platforms so that world-class medical teaching would be freely available anywhere in the world. To this end I have embarked on a project whereby I produce teaching videos which can be found on my Vernon Louw MedEd YouTube Channel.

## Education, qualifications and registrations

<b>2013:</b>	Appointed as Full Professor at the University of the Free State, South Africa
<b>2013</b>	Fellow of the College of Physicians FCP(SA) - Elected to Fellowship of the College of Physicians of South Africa by Peer Review.
<b>2011:</b>	Ph.D (Health Professions Education) University of the Free State, Bloemfontein, South Africa
<b>2007:</b>	Registered as Subspecialist in Clinical Haematology with the Health Professions Council of South Africa
<b>2004:</b>	Registered in Belgium and European Union as Subspecialist in Clinical Haematology
<b>2004:</b>	Registered in Belgium and European Union as Specialist in Internal Medicine
<b>2001:</b>	Registered with De Orde Van Geneesheren, Belgium (no.76160)
<b>2001:</b>	Registered as Medical Practitioner with the Federale Ministerie van Sociale Zaken, Volksgezondheid en Leefmilieu in Belgium
<b>2000:</b>	M. Med (Internal Medicine) <i>Cum Laude</i> and received the Andries Brink Medal for best Postgraduate student at the University of Stellenbosch (all students with a postgraduate professional qualification in health sciences) in 2000
<b>1996:</b>	Full Registration with General Medical Council, United Kingdom (GMC no.4263775)

<b>1994:</b>	Registered as General Practitioner with the Health Professions Council of South Africa (HPCSA) (No. MP0431249)
<b>1994:</b>	MBChB <i>cum laude</i> and Medal for top final year medical student. Completed medicine with distinctions in every subject over six years except paediatrics. These included distinctions in biology, physiology, physics, microbiology, virology, chemistry, pharmacology, mathematics, behavioural sciences, statistics, obstetrics and gynecology, anatomy, general surgery, histology, orthopedics, ophthalmology, anaesthesiology, clinical medicine, psychiatry, anatomical pathology.
<b>1988:</b>	Matriculated Strand High School with 6 A-symbols (17th in Cape Province and Strand High School Dux Student)

### Previous Functions

<b>Jan 2004 – August 2013:</b>	Associate Professor, Principal Specialist and Clinical Unit Head: Division Clinical Haematology, Department of Internal Medicine, University of the Free State, South Africa
<b>Dec 2001 – Dec 2003:</b>	Consultant in Haematology, University Hospital Gasthuisberg, Leuven, Belgium
<b>Jan 2001 - Nov 2001:</b>	Fellow in Haematology, University Hospital Gasthuisberg, Leuven, Belgium
<b>Nov 1996 - Dec 2000:</b>	Registrar in Internal Medicine, Tygerberg Hospital, Cape Town, South Africa
<b>Sep 1996 - Oct 1996:</b>	Tour through Western Europe
<b>Jul 1996 - Aug 1996:</b>	SHO in Internal Medicine, William Harvey Hospital, Ashford, Kent, United Kingdom
<b>May 1996 - Jun 1996:</b>	SHO in Internal Medicine, Treliske Hospital, Truro, Cornwall, United Kingdom
<b>Feb. 1996 – Apr. 1996:</b>	SHO in Accidents and Emergency, New Cross Hospital, Wolverhampton, United Kingdom
<b>Jan 1995 - Dec 1995:</b>	House Officer, Hottentots-Holland Hospital, Somerset-West, South Africa

## Awards

### Postgraduate:

- 2013:** Barrett CL, Louw VJ, Webb MJ. Manual exchange transfusion as a life-saving intervention in three patients with different haematological malignancies and hyperleukocytosis. Faculty Forum, August 2013, Bloemfontein, South Africa (Winner: Best Junior Clinical Paper)
- 2013:** Awarded the Jacky McAleer Memorial Titular Fellowship of the Association of Commonwealth Universities (ACU)
- 2012:** Selected as an Alternate Scholar for the Fulbright Scholarship Programme
- 2011:** Selected for the University of the Free State Vice-Chancellor's Prestige Scholar Programme.
- 2010:** Student project on multiple myeloma that I supervised wins first prize in its category at the national Pfizer-KZN Young Investigator Forum in Durban.
- 2010:** Co-author of 7<sup>th</sup> edition of the internationally used medical textbook "Clinical Medicine" by Kumar and Clark that won First Prize in the Medicine Category at the 2010 British Medical Association Awards. Chapters written on: Vitamin B12 and Folate deficiency and Thrombotic Thrombocytopenic Purpura (TTP) associated with HIV.
- 2007:** De Kock A, Louw MS, Louw VJ, Coetzee MJ, Nonyana M. Killer-cell immunoglobulin-like receptor haplotype diversity in three Free State population groups. Faculty Forum, Bloemfontein, 2007. (Overall Winner: Best laboratory paper).
- 2006:** Co-author of 6<sup>th</sup> edition of the internationally used medical textbook "Clinical Medicine" by Kumar and Clark that won First Prize in the Medicine Category at the 2006 British Medical Association Awards. Chapters written on: Vitamin B12 and Folate deficiency and Thrombotic Thrombocytopenic Purpura (TTP) associated with HIV.
- 2000:** Andries Brink Medal for best postgraduate student of the year (all professional qualifications) at the University of Stellenbosch

Roche Young Investigator's Award for best clinical research at the SA Heart Association Cardiology Congress, November 2000, Stellenbosch

Best research presentation at University of Stellenbosch 44th Academical Year Day, Internal Medicine

Pass Neurology during Internal Medicine residency rotation *cum laude*

**1999:**

Runner-up for best presentation at University of Stellenbosch, 43rd Academical Year Day, Internal Medicine

Pass Respiratory Medicine rotation during Internal Medicine residency *cum laude* (average 81%)

Pass Endocrinology rotation during Internal Medicine residency *cum laude* (average 86%)

Merit award for research of outstanding quality on Two-dimensional echocardiographically guided pericardiocentesis: experience in a 150 consecutive patients with clinically significant pericardial effusions

**1998:**

Pass Cardiology during Internal Medicine residency *cum laude* (average 83%)

**1997:**

Prize for best junior registrar in Internal Medicine

Pass first year physiology *cum laude* (88%)

Pass first year applied physiology *cum laude*

**Undergraduate:**

**1994:**

Faculty of Medicine Medal for best final year medical student at University of Stellenbosch

University of Stellenbosch Academic colors

Tygerberg Medical School Academic colors

Prize for the best final year student in Internal Medicine

**1989-1994:**

Highest class average as 2nd year medical student

Adcock Ingram Award for best 4th year medical student

Highest class average as 5th year medical student

Highest class average as final year medical student

Pass all six years at medical school *cum laude*

Pass all subjects during all six years of medical school *cum laude* (except paediatrics)

Prize for the best student in Anatomical Pathology

**1988:** Ranked 17<sup>th</sup> in Cape Province, South Africa on the basis of matriculation results

Dux pupil award Strand High School

## Research, Fellowships and Grant support

### Postgraduate:

**2013:** Awarded an unrestricted educational grant by the Iron Health Alliance (US\$25,000.00)

**2013:** Awarded the Jacky McAleer Memorial Titular Fellowship of the Association of Commonwealth Universities (ACU) (GBP 5000.00)

**2013:** Grant confirmed for the Postgraduate Diploma from Western Province Blood Transfusion Service (R40,000)

**2012:** Grant for the Postgraduate Diploma from Western Province Blood Transfusion Service (R42,000)

**2012:** Grant for the Postgraduate Diploma from South African National Blood Service (SANBS) (R51,600)

**2012:** Support for the funding of a supernumerary Fellow in Clinical Haematology from the Research Directorate at the University of the Free State (R240,000)

**2012:** Grant for the Postgraduate Diploma from National Bioproduct Institute (R50,000)

**2011:** Adcock-Ingram grant for supporting students in the Postgraduate Diploma in Transfusion Medicine (R6,000)

**2011:** Unrestricted educational grant from Novartis Oncology for clinical research (R50,000).

**2010:** Adcock-Ingram grant for supporting students in the Postgraduate Diploma in Transfusion Medicine (R48,426)



<b>2009:</b>	Discovery Foundation Award for the training of a Fellow in Clinical Haematology to the value of R450,000.
<b>2009:</b>	Grant for the training of a Fellow in Clinical Haematology worth +/- R800,000 from the Department of Education.
<b>2009:</b>	Renewal of International Society for Blood Transfusion (ISBT) Foundation grant for the Postgraduate Diploma in Transfusion Medicine (R537,191).
<b>2008:</b>	Renewal of International Society for Blood Transfusion (ISBT) Foundation grant for the Postgraduate Diploma in Transfusion Medicine (R615,500).
<b>2007:</b>	International Society for Blood Transfusion (ISBT) Foundation grant for the Postgraduate Diploma in Transfusion Medicine (R329,875).
<b>2001:</b>	Scholarship of 100.000 Euros to do Fellowship in Clinical Haematology at the Catholic University of Leuven, Belgium
<b>Undergraduate:</b>	
<b>1989-1994:</b>	Merit bursary of University of Stellenbosch
	Elize Visser bursary for academic achievement
	Dr Meiring bursary for academic achievement
	Doris Crossley bursary for academic achievement
	Standard Bank Merit Bursary for academic achievement

## Publications

Louw VJ. The difference in scope of practice between a specialist in transfusion medicine and the clinician who deals with transfusion on an *ad hoc* basis. *Transfusion and Apheresis Science*. Transfus Apher Sci. 2014 Dec;51(3):33-37. doi: 10.1016/j.transci.2014.10.008. Epub 2014 Oct 14.

Barrett CL, Joubert D, Griffiths VP, Ebersohn S, Joubert G, Louw VJ, Webb MJ. Patients' recall and perceptions regarding consent to blood transfusion at Universitas Academic Hospital, Bloemfontein, South Africa. *Transfus Apher Sci*. 2014 Dec;51(3):19-24. doi: 10.1016/j.transci.2014.10.007. Epub 2014 Oct 14.

Joubert J, Joubert S, Raubenheimer J, Louw V. The long-term effects of training interventions on transfusion practice: A follow-up audit of red cell concentrate utilisation at Kimberley Hospital, South Africa. *Transfus Apher Sci*. 2014 Dec;51(3):25-32. doi: 10.1016/j.transci.2014.10.013. Epub 2014 Oct 17.

Van den Berg K, Murphy EL, Pretorius L, Louw VJ. The impact of HIV-associated anaemia on the incidence of red blood cell transfusion: Implications for blood services in HIV-endemic countries. *Transfus Apher Sci*. 2014 Dec;51(3):10-18. doi: 10.1016/j.transci.2014.10.012. Epub 2014 Oct 13.

Sonnekus PH, Louw VJ, Ackermann AM, Barrett CL, Joubert G, Webb MJ. An audit of the use of platelet transfusions at Universitas Academic Hospital, Bloemfontein, South Africa. *Transfus Apher Sci*. 2014 Dec;51(3):44-52. doi: 10.1016/j.transci.2014.10.011. Epub 2014 Oct 16.

Jacobs P, Wood L, Louw V. The future of transfusion medicine in under resourced countries. *Transfus Apher Sci*. 2014 Dec;51(3):8-9. doi: 10.1016/j.transci.2014.10.010. Epub 2014 Oct 18

Louw VJ. Determining the outcomes for clinicians completing a postgraduate diploma in transfusion medicine. *Transfusion and Apheresis Science*. *Transfus Apher Sci*. 2014 Dec;51(3):38-43. doi: 10.1016/j.transci.2014.10.009. Epub 2014 Oct 16.

Louw VJ. Transfusion Education and Practice in South Africa (Editorial). *Transfusion and Apheresis Science*. *Transfus Apher Sci*. 2014 Dec;51(3):6-7. doi: 10.1016/j.transci.2014.10.015. Epub 2014 Oct 13.

Louw VJ. Biography: Professor Vernon J. Louw. *Transfus Apher Sci*. 2014 Dec;51(3):5. doi: 10.1016/j.transci.2014.10.014. Epub 2014 Oct 13.

Alli NA, Patel M, Alli HD, Bassa F, Coetzee MJ, Davidson A, Essop MR, Lakha A, Louw VJ, Novitzky N, Philip V, Poole JE, Wainwright RD. Recommendations for the management of sickle cell disease in South Africa *S Afr Med J* 2014;104(11):743-751. DOI:10.7196/SAMJ.8470

Alli NA, Patel M, Alli DW, Bassa F, Coetzee MJ, Davidson A, Essop MR, Lakha A, Louw VJ, Novitzky N, Philip V, Poole JE, Wainwright R. Management of sickle cell disease: South African guidelines. *SAMJ*. Published online June 20, 2014.

Louw VJ, Wood L. Professor Peter Jacobs FRRSAf. *Transactions of the Royal Society of South*

Africa. 2014; Vol 69(1):59-60. First published online: 31 March 2014.  
DOI:10.1080/0035919X.2014.900524

Louw VJ, Nel MM, Hay JF. Postgraduate education in transfusion medicine in the absence of formal residency training: Assessment of factors needed to develop and sustain a postgraduate diploma program. *Transfusion and Apheresis Science*. 2013 Dec;49(3):681-686. First published online August 2012

Louw VJ, Nel MM, Hay JF. Factors affecting current status of transfusion medicine education in South Africa. *Transfusion and Apheresis Science*. 2013 Dec;49(3):665-672. First published online June 3, 2013.

Joubert S, Bosman M, Joubert G, Louw VJ. The utilization of red cell concentrates at Kimberley Hospital Complex, Northern Cape Province, South Africa. *Transfusion and Apheresis Science*. 2013 Dec;49(3):522-527. First published online June 10, 2013

Bidmos MA, Joubert S, Van Jaarsveld MFPC, Louw VJ. Plasma cell leukaemia and HIV co-infection: profile of patients and experience at Universitas Academic Hospital in Bloemfontein, South Africa. *Int J Hematol*. 2013 Dec; 98:672-680. First published online 21 November 2013.

Barrett CL, Louw VJ, Webb MJ. Exchange transfusion as a life-saving intervention in three patients with different haematological malignancies with severe hyperleukocytosis where leukapheresis was not available. *Transfusion and Apheresis Science*. Epub ahead of print 2013, Sep 20.

Experts in chronic myeloid leukemia. Price of drugs for chronic myeloid leukemia (CML), reflection of the unsustainable cancer drug prices: perspective of CML Experts. *Blood*. 2013 May 30;121(22):4439-42. First published online Apr 25. [Epub ahead of print] This was an international paper, including 120 CML experts from all over the world. I represented sub-Saharan Africa on this paper.

Cappellini MD, Beshlawy AE, Porter JB, Kattamis A, Taylor K, Rose C, Louw VJ, El-Ali A, Martin N, Gattermann N. Concomitant Medications and Gastrointestinal Events in Thalassemia and MDS Patients Receiving Deferasirox for Transfusional Iron Overload: Data From the EPIC Study. *Blood* (ASH Annual Meeting Conference Proceedings) 2012 120: 5182

Barrett C, Webb M, Louw V. The management of massive transfusion in adults. *Africa Sanguine*. 2012;15(1):1-5

Meiring M, Webb M, Goedhals D, Louw VJ. HIV-associated Thrombotic Thrombocytopenic Purpura - what we know so far. *European Oncology & Hematology*. 2012;8(2):89-91

Louw VJ. The Consultation. *Ann Intern Med* May 1, 2012 156:634.

Louw VJ. Chronic Myeloid Leukaemia in South Africa. *Hematology*. 2012 Apr;17 Suppl 1:75-8.

Webb MJ, Barrett CL, Pretorius C, Van Jaarsveld MF, Louw VJ. Chronic Myeloid Leukaemia and human immunodeficiency virus (HIV) infection. *Int J Hematol*. 2012 May; 95(5):556-63. First published online 20 April 2012

Wilson JC, De Kock A, Weyers R, Louw V. Triple Heterozygous Thrombophilic Mutations: a

Family Study. *Medical Technology SA* 2011; 25(2):36-39.

Webb M, Barrett C, Barrett S, Janse van Rensburg J, Louw V. Cranial plasmacytoma: a case series and a review of the literature. *Indian J Hematol Blood Transfus.* Jan-March 2013;29(1):43-47. First published online November 2011. DOI 10.1007/s12288-011-0126-7.

Louw VJ, Bassa F, Chan SW, Dreosti L, du Toit M, Ferreira M, Gartrell K, Gunther K, Jogessar V, Littleton N, Mahlangu J, McDonald A, Patel M, Pool R, Ruff P, Schmidt A, Sissolak G, Swart A, Verburgh E, Webb MJ. Guideline for the treatment of myelodysplastic syndromes (MDS) in South Africa. *S Afr Med J* 2011; 101(12):900-906

Hellmann A, Rule S, Walewski J, Shpilberg O, Feng H, van de Velde H, Patel H, Skee DM, Girgis S, Louw VJ. Effect of Cytochrome P450 3A4 Inducers on the Pharmacokinetic, Pharmacodynamic and Safety Profiles of Bortezomib in Patients with Multiple Myeloma or Non-Hodgkin's Lymphoma. *Clin Pharmacokinet.* 2011 Dec 1; 50(12):781-91. doi: 10.2165/11594410-000000000-00000

Louw VJ, Dreosti L, Ruff P, Jogessar P, Moodley D, Novitzky N, Patel M, Schmidt A, Willem P. Recommendations for the management of adult chronic myeloid leukaemia in South Africa. *S Afr Med J.* 2011;101(11):840-846

Ludwig H, Beksac M, Bladé J, Cavenagh J, Cavo M, Delforge M, Dimopoulos M, Drach J, Einsele H, Facon T, Goldschmidt H, Harousseau JL, Hess U, Kropff M, Leal da Costa F, Louw V, Magen-Nativ H, Mendeleeva L, Nahi H, Plesner T, San-Miguel J, Sonneveld P, Udvardy M, Sondergeld P, Palumbo A. Multiple Myeloma Treatment Strategies with Novel Agents in 2011: A European Perspective. *The Oncologist* 2011;16(4):388-403. First published online March 26, 2011 doi:10.1634/theoncologist.2010-0386.

Bladé J, Sonneveld P, San Miguel JF, Sutherland HJ, Hajek R, Nagler A, Spencer A, Robak T, Lantz KC, Zhuang SH, Harousseau JL, Orlowski RZ; DOXIL-MMY-3001 Study Investigators. Efficacy and safety of pegylated liposomal Doxorubicin in combination with bortezomib for multiple myeloma: effects of adverse prognostic factors on outcome. *Clin Lymphoma Myeloma Leuk.* 2011 Feb;11(1):44-9. doi: 10.3816/CLML.2011.n.005 (I was one of the South African Principal Investigators listed under the DOXIL-MMY-3001 Study Investigators).

Louw V, Webb MJ. Autologous stem cell transplantation in multiple myeloma. *S Afr J Anaesthesiol Analg* 2010;16(1):57

Louw VJ, Van Der Westhuizen J, Rautenbach W, Van Der Berg E, Wamelink M, Joubert G. The antibiotic susceptibility of bacteria isolated from blood cultures during episodes of neutropenic fever in patients with acute myeloid leukaemia. *South Afr J Epidemiol Infect* 2010;25(2):09-11

Barrett CL, Webb MJ, Louw VJ. The role of nurses in massive transfusion. *Professional Nursing Today* 2010; 14(3).

Chen W, Leiter A, Yin D, Meiring M, Louw VJ, Koeffler HP. Cucurbitacin B inhibits growth, arrests the cell cycle, and potentiates antiproliferative efficacy of cisplatin in cutaneous squamous cell carcinoma cell lines. *Int J Oncol.* 2010 Sep; 37(3):737-43.

Nel TJ, Louw VJ. Report on the Postgraduate Diploma in Transfusion Medicine at the University of the Free State, South Africa. *Africa Sanguine* 2010 Jul; 13(1):34-36

Saglio G, Kim DW, Issaragrisil S, le Coutre P, Etienne G, Lobo C, Pasquini R, Clark RE, Hochhaus A, Hughes TP, Gallagher N, Hoenekopp A, Dong M, Haque A, Larson RA, Kantarjian HM; ENESTnd Investigators. Nilotinib versus imatinib for newly diagnosed chronic myeloid leukemia. *N Engl J Med*. 2010 Jun 17;362(24):2251-9. doi: 10.1056/NEJMoa0912614. Epub 2010 Jun 5 (I was one of the South African Principal Investigators listed under ENESTnd Investigators)

Feys HB, Roodt J, Vandeputte N, Pareyn I, Lamprecht S, van Rensburg WJ, Anderson PJ, Budde U, Louw VJ, Badenhorst PN, Deckmyn H, Vanhoorelbeke K. Thrombotic thrombocytopenic purpura directly linked with ADAMTS13 inhibition in the baboon (*Papio ursinus*). *Blood*. 2010 Sep 23; 116(12):2005-10. Epub 2010 Jun 15.

Mlombe YB, Louw VJ, Webb MJ. Chronic small lymphocytic neoplasm: proposal for nomenclature change in order to clinically integrate chronic lymphocytic leukemia and small lymphocytic lymphoma. *Afr J Haematol Oncol*. 2010 (1):26-27

Louw VJ, Heyns A du P. The role of the state in establishing a public cord blood stem cell bank. *S Afr Med J*. 2010;100(5):264-265.

Visagie GJ, Louw VJ. Myocardial injury in HIV-associated thrombotic thrombocytopenic purpura (TTP). *Transfus Med*. 2010 Aug 1;20(4):258-64. Epub 2010 Apr 14.

Louw VJ. Novel therapies in multiple myeloma for newly diagnosed nontransplant candidates. Editorial. *Cancer J (South African excerpts edition)*. 2010 Mar-Apr; 2(1)

Louw VJ, Webb MJ. Prognosis and treatment of Waldenström's macroglobulinemia. *Transfusion and Apheresis Science*. 2010 Apr; 42(2):193-7. Epub 2010 Feb 8.

Louw VJ, Nel TJ, Leipoldt EJ, Badenhorst PN, Hay JF, Nel MM. Challenges in transfusion medicine recruitment and training-a solution. *Transfus Med*. 2010;20:70-71 First published online Sep 2009.

Coetzee MJ, Louw VJ, Gartrell K, Viljoen, CD. Chakalaka-induced vasodilatation in patients with chronic myeloid leukaemia on tyrosine kinase inhibitors. *S Afr Med J*. 2009;99(12):870-871

Louw VJ, Louw H, Webb MJ. Autologous stem cell transplantation for multiple myeloma. *N Engl J Med*. 2009 Sep 10; 361(11):1118-9; author reply 1119.

Webb MJ, Mlombe Y, Louw VJ. South African guidelines on venous thromboembolism. *S Afr Med J*. 2009;99(9):614

Du Toit M, Claassen D, Le Roux A, Nel E, Van Biljon W, Joubert G, Louw VJ. Percutaneous injuries in doctors in the School of Medicine, University of the Free State: incidence, reporting and adherence to precautionary and management procedures. *SA Fam Pract*. 2009; 51(2):128-131

Bladé J, Sonneveld P, San Miguel JF, Sutherland HJ, Hajek R, Nagler A, Spencer A, Robak T, Cibeira MT, Zhuang SH, Harousseau JL, Orlowski RZ; DOXIL-MMY-3001 Study Investigators. Pegylated liposomal doxorubicin plus bortezomib in relapsed or refractory multiple myeloma: efficacy and safety in patients with renal function impairment. *Clin Lymphoma Myeloma*.

2008 Dec;8(6):352-5. doi: 10.3816/CLM.2008.n.051 (I was one of the South African Principal Investigators listed under the DOXIL-MMY-3001 Study Investigators).

Alli N, Coetzee M, Louw V, Van Rensburg B, Rossouw G, Thompson L, Pissard S, Thein SL. Sick cell disease in a carrier with pyruvate kinase deficiency. *Hematology*. 2008; 13(6):369-372

Bosch FJ, Badenhorst L, Le Roux JA, Louw VJ. Successful treatment of *Chromobacterium violaceum* sepsis in South Africa. *J Med Microbiol*. 2008; Oct; 57(Pt10):1293-5

Sonneveld P, Hajek R, Nagler A, Spencer A, Bladé J, Robak T, Zhuang SH, Harousseau JL, Orłowski RZ; DOXIL-MMY-3001 Study Investigators. Combined pegylated liposomal doxorubicin and bortezomib is highly effective in patients with recurrent or refractory multiple myeloma who received prior thalidomide/lenalidomide therapy. *Cancer*. 2008 Apr 1;112(7):1529-37. doi: 10.1002/cncr.23326 (I was one of the South African Principal Investigators listed under the DOXIL-MMY-3001 Study Investigators).

Louw VJ, Louw H. Citrus aurantium, beware of the bitter orange. *S Afr Med J*. 2008;98(7):496

Louw VJ, Du Preez P, Malan A, Van Deventer L, Van Wyk D, Joubert G. Pica and food craving in adult patients with iron deficiency in Bloemfontein, South Africa. *S Afr Med J* 2007 Nov; 97(11):1069-1071

Smedema JP, Abrahams S, Louw VJ. Partial Reversal of Hemolysis-Associated Pulmonary Arterial Hypertension in Response to Oral Administration of L-Arginine in a Patient with Hereditary Spherocytosis. *Acta Haematol*. 2007 Sep 21;118(3):167-168 [Epub ahead of print]

Louw V, Heyns A du P. The role of the state in establishing a public cord stem cell bank. Centre for international political studies. Electronic briefing paper No. 43/2007. Epub July 27, 2007.

Smedema JP, Louw VJ. Pulmonary arterial hypertension after splenectomy for hereditary spherocytosis. *Cardiovasc J S Afr*. 2007 Mar-Apr; 18(2):84-9.

Reuter H, Burgess LJ, Louw VJ, Doubell AF. The management of tuberculous pericardial effusion: experience in 233 consecutive patients. *Cardiovasc J S Afr*. 2007 Jan-Feb; 18(1):20-5.

Verburgh E, Achten R, Louw VJ, Brusselmans C, Delforge M, Boogaerts M, Hagemeijer A, Vandenberghe P, Verhoef G. A new disease categorization of low-grade myelodysplastic syndromes based on the expression of cytopenia and dysplasia in one versus more than one lineage improves on the WHO classification. *Leukemia*. Apr; 21(4):668-77. Epub 2007 Feb 15.

Louw VJ, Louw H. Rural Doctors given fresh hope. *S Afr Med J*. 2006 Nov;96(11):1139

Reuter H, Burgess LJ, Louw VJ, Doubell AF. Experience with adjunctive corticosteroids in managing tuberculous pericarditis. *Cardiovascular Journal of South Africa*. Sep/Oct 2006. 17(5): 233-238

Dedeken P, Louw V, Vandooren AK, Geert V, Goossens W, Dubois B. Plumbism or lead intoxication mimicking an abdominal tumor. *J Gen Intern Med*. 2006 Jun; 21(6):C1-3.

Louw VJ. Pseudo-thrombocytopenia – a common, but often unrecognized phenomenon.

*Stellmed Updates*, December 2005

Louw VJ. Immuun-trombocytopenische purpura. *Tijdschrift voor Geneeskunde*. 2005. 61 (11): 865-868

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Louw VJ. Drug-induced haemolytic anaemia. *Stellmed Updates*, March 2005

Louw VJ. Hypercalcemia of malignancy. *Stellmed Updates*, February 2005

Louw VJ. Renal disease in multiple myeloma. *Stellmed Updates*, February 2005

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Louw VJ. Clinical Manifestations and Diagnosis of Chronic Lymphocytic Leukemia. *Stellmed Updates*, Sep 2003

Louw VJ. Immune Thrombocytopenic Purpura. *Stellmed Updates*, Sep 2003

Louw VJ. Thrombocytopenia in Pregnancy. *Stellmed Updates*, Sep 2003

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Maertens J, Verhoef G, Delforge M, Theunissen K, Verburgh E, Louw V, Boogaerts MA. Behandeling van febrile neutropenie gebaseerd op risicostatificatie: (wanneer) is ambulante therapie haalbaar? *Tijdschrift voor Geneeskunde*. 2003; 59(20):1263-1268

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Louw VJ, Reuter H, Smedema JP, Katjitae I, Burgess LJ, Doubell AF. Clinical experience with pericardiocentesis and extended drainage in a population with a high prevalence of HIV. *Netherlands Heart Journal*. 2002 Oct; 10(10): 399-406

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Reuter H, Louw VJ, Corbett C, Burgess LJ, Doubell AF. Human immunodeficiency virus associated tuberculous pericarditis. *Cardiovascular Journal of Southern Africa, SAMJ* 1998; 88: Suppl 5: C321.

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Louw VJ, Moosa MR. Letter to the Editor – Carcinoid tumour. *Lancet*. 1998;352:1554

## Chapters in books

Mberi ET, Louw VJ. Myeloproliferative Neoplasms. MIMS Handbook of Oncology. 2013; Volume 1., pp. 124-131

Co-author of the 6<sup>th</sup> (2005), 7<sup>th</sup> (2009) and 8<sup>th</sup> (2012) editions of the book "Clinical Medicine" by Kumar and Clark. The 6<sup>th</sup> edition won First Prize in the Medicine Category at the 2006 and 2010 British Medical Association Awards. Chapters written on: Vitamin B12 and Folate deficiency and Thrombotic Thrombocytopenic Purpura (TTP) associated with HIV.

Louw VJ. Transfusion-Related Iron overload in Diamond-Blackfan Anaemia. 2012. Treatment Strategies – Hematology Vol. 2(2): 57-60.

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## Poster presentations

**Hughes TP**, Munhoz E, ElHaddad A, Chuan OT, Abdulkadyrov K, Shortt J, Quach H, Pavlovsky C, Louw VJ, Meillon L, Shih LY, Turkina AG, Hwang J, Nidamarthy PK, Dalal D, Lipton JH. Efficacy and Safety of Dose-Optimized Nilotinib (NIL) in Patients (Pts) with Newly Diagnosed Chronic Myeloid Leukemia in Chronic Phase (CML-CP): ENESTxnd Interim Analysis. American Society of Hematology (ASH) Annual Congress, San Francisco, USA, December 2014 (Accepted)



**Lipton J**, Meillon L, Louw V, Pavlovsky C, Shih LY, Nidamarthy PK, Dalal D, Hughes TP, Turkina AG. BCR-ABL Response Kinetics and Nilotinib Dose Optimization in Patients With Chronic Myeloid Leukemia in Chronic Phase (CML-CP): Interim Analysis of ENESTxtnd. ESH-ICML International Conference, September 04-07, 2014, Philadelphia, USA

**Abu BAZ**, Louw VJ, Raubenheimer J, Van den Berg LV. Impact of educational intervention on dietary risk factors for iron deficiency among mothers in Northern Ghana. Africa Nutrition Epidemiology Conference (ANEC VI), July 2014, Accra, Ghana.

**Mohty M**, Terpos E, Mateos M, Palumbo A, Lejniece S, Beksac M, Bekadja M, Legiec W, Dimopoulos M, Stankovic S, Durán MS, De Stefano V, Kochkareva Y, Laane E, Berthou C, Salwender H, Masliak Z, Peceliunas V, Willenbacher W, Silva J, Louw VJ, Nemet D, Borbenyi Z, Abadi U, Pedersen RS, Cernelc P, Potamianou A, Couturier C, Olie RA, Feys C, Thoret-Bauchet F, Boccadoro M. First-line therapy for Multiple Myeloma (MM): Results from the second interim analysis of the real-world, international, non-interventional EMMOS Study. European Haematology Association (EHA) Annual Congress, June 2014, Milan, Italy.

**Abu BAZ**, Louw VJ, Raubenheimer J and Van den Berg VL. Incorporating adult learning principles in an intervention implementation: Experiences from an iron deficiency (ID) education program in Ghana. Micronutrient Forum, June 2014, Addis Abbeba, Ethiopia.

**Abu BAZ**, Louw VJ, Raubenheimer J and Van den Berg VL. Designing interventions for resource poor communities with low literacy: An example of an iron deficiency (ID) education program in Ghana. Micronutrient Forum, June 2014, Addis Abbeba, Ethiopia.

**Barrett CL**, Van den Heever T, Webb MJ, Spruyt MGL, Louw VJ. Successful multidisciplinary management of massive bleeding associated with giant cell tumour of bone. Faculty Forum, August 2013, Bloemfontein, South Africa

**Meiring MM**, Le Roux E, Webb MJ, Louw VJ. Effect of inflammatory cytokines and coagulation factors on endothelial microparticle formation and content. International Society for Thrombosis and Haemostasis (ISTH) Congress, Amsterdam, The Netherlands, 2013.

**Abu BAZ**, Louw VJ, Dannhauser A, and Van den Berg LV. Knowledge Attitudes and Practices (KAP) regarding iron deficiency (ID) among mothers in an anemia endemic population in Northern Region of Ghana. Maternal and Infant Nutrition and Nurture (MAINN) Conference; 10<sup>th</sup> -12<sup>th</sup> June, 2013. Preston, UK.

**Abu BAZ**, Louw VJ, Dannhauser A, Raubenheimer J and Van den Berg LV. Poster presentation: Risk factors of iron deficiency among children 6-59 months in the Northern Region of Ghana. Hidden Hunger Conference, Stuttgart, Germany, 6<sup>th</sup> - 9<sup>th</sup> March, 2013.

**Louw VJ**. Sustainability of a Postgraduate Diploma in Transfusion Medicine. South African Association of Health Educationalists (SAAHE) National Congress, Bloemfontein, June 2012

**Meiring M**, Webb M, Goedhals D, Coetzee M, Louw VJ. Thrombotic potential in HIV and HIV-associated TTP. International Society for Thrombosis and Haemostasis (ISTH) Congress, Kyoto, Japan, 2011

**Wienand K**, Viljoen C, Sreenivasan S, Louw VJ. High-resolution melting curve analysis for screening for mutations in the BCR-ABL kinase domain of CML patients. European Haematology Association Congress, London, United Kingdom, 2011

**Hellmann A**, Rule S, Walewski J, Shpilberg O, Feng H, Van de Velde H, Patel H, Skee D, Girgis S, Louw V. Effect of the cytochrome P450 3A4 inducers, rifampicin and dexamethasone, on the pharmacokinetic, pharmacodynamic and safety profile of bortezomib in patients with multiple myeloma and Non-Hodgkin's lymphoma. American Society for Haematology congress, Orlando, December 2010

**Janse Van Rensburg J**, Webb MJ, Barrett C, Louw VJ. Cranial plasmacytomas in multiple myeloma. Haematology-Oncology Symposium, Cape Town, November 2010.

**Louw VJ**, Hay JF, Nel MM. Ethical challenges faced by clinicians involved in transfusion medicine. 33rd International Society of Haematology annual congress, Jerusalem, Israel, October 2010.

**Nel TJ**, Louw VJ, Badenhorst PN, Leipoldt EJ. An evaluation of students' perceived gain in knowledge after completing a 2-year postgraduate diploma in transfusion medicine. International Society for Blood Transfusion, Berlin, June 2010.

**Robinson RP**, Louw VJ, Webb MJ, Smalberger H, Coetzee L, Booyens C. Collaboration between a public stem cell transplantation unit and the South African National Blood Transfusion Service. 31st National Blood Congress, Johannesburg, November 2009.

**Visagie GJ**, Webb MJ, Louw VJ. Myocardial involvement in Thrombotic Thrombocytopenic Purpura. 31st National Blood Congress, Johannesburg, November 2009.

**Webb MJ**, Visagie GJ, Louw VJ. Clinical and laboratory data on patients with thrombotic thrombocytopenic purpura at Universitas Hospital Complex. 31st National Blood Congress, Johannesburg, November 2009.

**Jafta AD**, Nel T, Louw VJ. An Audit of the utilization of red cell concentrates at Universitas Hospital. 31st National Blood Congress, Johannesburg, November 2009.

**Barrett C**, Pretorius L, Louw VJ. Policy for thawing of blood products – challenges, opportunities and recommendations. 31st National Blood Congress, Johannesburg, November 2009.

**Louw VJ**, Nel MM, Hay JF. The major outcomes of a Postgraduate Diploma in Transfusion Medicine. AMEE Congress. Malaga, Spain, September 2009.

**Chen W**, Meiring SM, Louw VJ. Molecular insight into tumour-selective cytotoxicity induction by curcumin: contribution toward chemoprevention and chemotherapy. 4th International Niigata Symposium on Diet and Health. Niigata City, Japan, November 2008.

**Nel JG**, Jafta AJ, Louw VJ, Coetzee, MJ, Van Der Merwe J. Myelomatosis: an unusual presentation. Faculty Forum, Bloemfontein, August 2008.

**Joubert J**, Jafta, AJ, Louw VJ. A case of human parvovirus B19-associated adult pure red cell aplasia responding to immunoglobulin. Faculty Forum, Bloemfontein, August 2008.

**Chen W**, Meiring M, Louw VJ. Effect of curcumin on the cytotoxicity of leukemia cells and normal peripheral blood mononuclear cells. 48<sup>th</sup> Annual Congress of the Federation of the South African Societies of Pathology – Cape Town, July 2008 (Prize for best poster in category)

**Van Deventer JJ**, Viljoen CD, Louw VJ. The application of Real-time quantitative PCR in CML diagnostics. 2nd Meeting of the Haematology Oncology Consensus Group – Cape Town, March 2008

**Chen W**, Meiring M, Louw VJ. Effect of curcumin on the cytotoxicity of leukemia cells and normal peripheral blood mononuclear cells. 2nd Meeting of the Haematology Oncology Consensus Group – Cape Town, March 2008

**Rood EJ**, Van Wyk HJ, Louw VJ, Groenewald AJ. Multiple myeloma and hypercalcemia: ionized calcium. Faculty Forum, Bloemfontein, 2007.

**Bosch FJ**, Badenhorst L, Louw VJ. Chromobacterium violaceum in a patient with acute leukemia – case study and literature review. Faculty Forum, Bloemfontein, 2007.

**Coetzee MJ**, Louw VJ. Chakalaka-induced vasodilatation in a patient with chronic myeloid leukemia on Imatinib. Faculty Forum, Bloemfontein, 2007.

**Coetzee MJ**, Louw VJ. Chakalaka-induced vasodilatation in a patient with chronic myeloid leukemia on Imatinib. 47<sup>th</sup> Annual Congress of the Federation of SA Societies of Pathology – Polokwane, South Africa, July 2007.

**Maasdorp S**, Jafta AD, Louw VJ. A case report of HTLV I/II associated T-cell large granular lymphocytic leukemia in a patient with HIV. Faculty Forum, Bloemfontein, 2006

**Van Staden B**, Louw VJ, Joubert S. A rare case of post-partum acute lymphoblastic leukaemia, presenting in an atypical manner. Faculty Forum, Bloemfontein, 2005 (Award: Best Junior poster)

Janse Van Rensburg B, Rossouw G, Katchovska R, Jafta D, Pretorius L, Louw VJ, **Coetzee MJ**, Van Loggerenberg C, Alli N, Krause A, Essop F, Thein SL. Sickie Haemoglobin heterozygote presenting with a severe phenotype – the plot thickens. Faculty Forum, Bloemfontein, 2005 (Award: Best senior poster)

**Joubert S**, Louw VJ, Lotz J. Skin infiltration in a patient with chronic myeloid leukemia. Faculty Forum, Bloemfontein, 2005

Janse Van Rensburg B, Rossouw G, Katchovska R, Jafta D, Pretorius L, Louw VJ, **Coetzee MJ**, Van Loggerenberg C, Alli N, Krause A, Essop F, Thein SL. Sickie Haemoglobin heterozygote presenting with a severe phenotype. 45<sup>th</sup> Conference of the Federation of the South African Societies of Pathology, 2005, Pretoria, South Africa

**Van Staden B**, Louw VJ, Badenhorst PN. Are your platelets sticky? Faculty Forum, Bloemfontein, 2004 (Award: Best Junior poster)

**Verburgh ER**, Acthen R, Brusselmans C, Delforge M, Louw VJ, Boogaerts M, Peeters C, Verhoef GE. Refining the classification of low-risk MDS: Retrospective analysis of cytomorphological and histological variables in 138 patients. American Society of

Haematology, San Diego, 2003

**Katjitaë I**, Smedema JP, Louw VJ, Reuter H, Pretorius M, Doubell AF. The ECG findings in 93 patients with tuberculous pericarditis. Poster at 43<sup>d</sup> Academical Year Day, Tygerberg, 1999

**Katjitaë I**, Smedema JP, Louw VJ, Reuter H, Pretorius M, Doubell AF. The diagnosis of tamponade by 12-lead ECG. Poster at 43<sup>d</sup> Academical Year Day, Tygerberg, 1999.

**Katjitaë I**, Smedema JP, Louw VJ, Reuter H, Pretorius M, Doubell AF. The comparison of ECG findings and markers of inflammation in patients with tuberculous pericarditis. Poster at 43<sup>d</sup> Academical Year Day, Tygerberg, 1999.

**Burgess LJ**, Reuter H, Louw VJ, Corbett C, Doubell AF, Taljaard F. The diagnostic significance of adenosine deaminase and interferon- $\gamma$  levels in tuberculous pericarditis. Poster at 21<sup>st</sup> Biennial Congress of the Southern African Cardiac Society, Durban, 1998.

**Burgess LJ**, Reuter H, Louw VJ, Corbett C, Doubell AF, Taljaard F. The diagnostic significance of adenosine deaminase and interferon- $\gamma$  levels in tuberculous pericarditis. Poster at XXth International Heart Research Meeting in Rhodos, Greece, 1998.

**Louw VJ**, Reuter H, Corbett C, Burgess LJ, Doubell AF. The preferred route of administration for steroid therapy in pericardial disease. Poster at 21<sup>st</sup> Biennial Congress of the Southern African Cardiac Society, Durban, 1998.

**Louw VJ**, Reuter H, Corbett C, Van Niekerk J, Doubell AF. The preferred route of administration for steroid therapy in pericardial disease. Poster at 42<sup>nd</sup> Academical Year Day, Tygerberg, 1998

**Bezuidenhout J**, Du Plessis DG, Louw VJ, Bates WD, Moosa MR. Causes of death in renal transplant recipients: a post-mortem study. Poster at Pathology Congress in Italy, 1997

## Oral presentations

**Louw VJ. Lecture halls without lectures** - Flipping the Classroom. Department of Haematology, Vancouver General Hospital, University of British Columbia, Vancouver, Canada, November 2014

**Louw VJ. Lecture halls without lectures** - Flipping the Classroom. Haematology Fellows academic meeting, University of British Columbia, Vancouver, Canada, November 2014

**Louw VJ.** Flipping the Classroom making use of Youtube videos. Invited workshop at University of the Free State Teaching and Learning Week. University of the Free State, Bloemfontein, South Africa, October 2014

**Louw VJ.** A philatelic perspective on HIV and AIDS. CARE Haematology Oncology Conference. Cape Town, September 2014

**Abu BAZ**, Louw VJ, Raubenheimer J, Van den Berg LV. Effectiveness of nutrition education intervention to improve knowledge, attitudes and practices regarding iron

deficiency among mother in Ghana. Nutrition Congress, September 2014, Johannesburg, South Africa

**Louw VJ.** Using screencasting in flipping the classroom. University of the Free State. Bloemfontein, August 2014.

**Van den Berg K,** Murphy EL, Kaidarova Z, Pretorius L, Louw VJ. Transfusion Medicine Quality Indicators: Legal and Ethical Compliance at a Tertiary Hospital in the Eastern Cape. African Society for Blood Transfusion Congress, August 2014, Victoria Falls, Zimbabwe.

**Abu BAZ,** Van den Berg LV, Raubenheimer J, Louw VJ. Does an education intervention on pica increase awareness of iron deficiency among women and young children in Ghana? Africa Nutrituion in Epidemiology Conference (ANEC VI), July 2014, Accra, Ghana

**Louw VJ.** Chronic Myeloid Leukaemia in South Africa. Symposium on myeloproliferative neoplasms, May 2014, Sandton, South Africa.

**Louw VJ.** What is adherence? An overview. Nurse Advisory Board Meeting, April 2014, Zürich, Switzerland.

**Louw VJ.** Iron physiology – an overview. Nurse Advisory Board Meeting, April 2014, Zürich, Switzerland.

**Louw VJ.** Iron overload in Myelodysplastic Syndromes. Workshop 2 presented. Global Iron Summit, March 2014, Athens, Greece.

**Louw VJ.** Iron overload in Myelodysplastic Syndromes. Workshop 1 presented. Global Iron Summit, March 2014, Athens, Greece.

**Louw VJ.** Transfusion in Myelodysplastic Syndromes. Invited lecture. Global Iron Summit, March 2014, Athens, Greece.

**Louw VJ.** Tackling iron overload: a guide to optimal management. April 28, 2014. Nepean Hospital, Sydney, Australia.

**Louw VJ.** Practical recommendations for side-effect management of iron chelators. April 28, 2014. Nepean Hospital, Sydney, Australia.

**Louw VJ.** Why do we chelate in MDS? Introduction to iron toxicity and chelation benefits. April 28, 2014. Nepean Hospital, Sydney, Australia.

**Louw VJ.** Tackling iron overload: a guide to optimal management. April 28, 2014. Royal Northshore Hospital, Sydney, Australia.

**Louw VJ.** Practical recommendations for side-effect management of iron chelators. April 28, 2014. Royal Northshore Hospital, Sydney, Australia.

**Louw VJ.** Why do we chelate in MDS? Introduction to iron toxicity and chelation benefits. April 28, 2014. Royal Northshore Hospital, Sydney, Australia.

**Louw VJ.** Tackling iron overload: a guide to optimal management. April 27, 2014. Westmead Adult Hospital, Sydney, Australia.

**Louw VJ.** Practical recommendations for side-effect management of iron chelators. April 27, 2014. Westmead Adult Hospital, Sydney, Australia.

**Louw VJ.** Why do we chelate in MDS? Introduction to iron toxicity and chelation benefits. April 27, 2014. Westmead Adult Hospital, Sydney, Australia.

**Louw VJ.** Iron overload in the heart: The importance of early detection. April 26, 2014. Melbourne, Australia.

**Louw VJ.** Less iron, healthier liver: Impact of iron overload on liver function. April 26, 2014. Melbourne, Australia.

**Louw VJ.** The dark side of iron: Clinical consequences of iron overload. April 26, 2014. Melbourne, Australia.

**Louw VJ.** Tackling iron overload: a guide to optimal management. April 26, 2014. Melbourne, Australia.

**Louw VJ.** Practical recommendations for side-effect management of iron chelators. April 26, 2014. Melbourne, Australia.

**Louw VJ.** Why do we chelate in MDS? Introduction to iron toxicity and chelation benefits. April 26, 2014. Melbourne, Australia.

**Louw VJ.** Tackling iron overload: a guide to optimal management. April 25, 2014. Royal Brisbane & Women's Hospital, Brisbane, Australia.

**Louw VJ.** Practical recommendations for side-effect management of iron chelators. April 25, 2014. Royal Brisbane & Women's Hospital, Brisbane, Australia.

**Louw VJ.** Why do we chelate in MDS? Introduction to iron toxicity and chelation benefits. April 25, 2014. Royal Brisbane & Women's Hospital, Brisbane, Australia.

**Louw VJ.** Tackling iron overload: a guide to optimal management. April 24, 2014. Sir Charles Gairdner Hospital, Perth, Australia.

**Louw VJ.** Practical recommendations for side-effect management of iron chelators. April 24, 2014. Sir Charles Gairdner Hospital, Perth, Australia.

**Louw VJ.** Why do we chelate in MDS? Introduction to iron toxicity and chelation benefits. April 24, 2014. Sir Charles Gairdner Hospital, Perth, Australia.

**Louw VJ.** HIV and AIDS in Philately. 8<sup>th</sup> Southern African HIV & TB Drug Resistance & treatment Monitoring Workshop. November 22, 2013. Bloemfontein, South Africa.

**Louw VJ.** Improving patient compliance and adherence to treatment. Invited Plenary presentation. September 2013, EGM Iron Summit. Delhi, India.

**Louw VJ.** Maximizing chelation therapy response and improving adherence to therapy.

Presentation and Panel Discussion, September 2013, EGM Iron Summit. Delhi, India.

**Louw VJ.** Action plan for a patient with MDS who does not adhere to chelation due to side-effects. September 2013, EGM Iron Summit. Delhi, India.

**Louw VJ.** Achieving transfusion and chelation therapy independence in an MDS patient with hematologic response. September 2013, EGM Iron Summit. Delhi, India.

**Louw VJ,** De Groot JJB, Raubenheimer JE, Webb MJ. Multiple Myeloma and Human Immunodeficiency Virus (HIV) Infection: a comparison of HIV-infected and HIV-negative patients. Faculty Forum, August 2013, Bloemfontein, South Africa

**Barrett CL,** Louw VJ, Webb MJ. Manual exchange transfusion as a life-saving intervention in three patients with different haematological malignancies and hyperleukocytosis. Faculty Forum, August 2013, Bloemfontein, South Africa (Winner: Best Junior Clinical Paper)

**Sonnekus PH,** Louw VJ, Webb MJ, Ackermann AM, Joubert G. An audit of platelet transfusions at Universitas Hospital. Faculty Forum, August 2013, Bloemfontein, South Africa

**Joubert S,** Bosman M, Joubert G, Louw VJ. The utilization of red cell concentrates at the Kimberley Hospital Complex. Faculty Forum, August 2013, Bloemfontein, South Africa

**Louw VJ.** Keynote Plenary Presentation. Optimizing iron chelation treatment for Myelodysplastic Syndromes. MDS Tour, Tokyo, Japan, 29 June 2013.

**Louw VJ.** Keynote Presentation. Optimizing iron chelation treatment for Myelodysplastic Syndromes. MDS Tour, Kumamoto, Japan, 28 June 2013.

**Louw VJ.** Keynote Presentation. Optimizing iron chelation treatment for Myelodysplastic Syndromes. MDS Tour, Chiba, Japan, 27 June 2013.

**Louw VJ.** Maximizing the Benefits of Iron Chelation. Myelodysplastic Syndromes Tour. Johannesburg, June 2013. Speaker and Chairman of Meeting.

**Abu BAZ,** Van den Berg LV, Raubenheimer J and Louw VJ. *Pica practices and associated cultural deems among women and their children 6-59 months in the Northern region of Ghana: a risk factor for iron deficiency.* Maternal and Infant Nutrition and Nurture (MAINN) Conference; 10<sup>th</sup> -12<sup>th</sup> June, 2013. Preston, UK.

**Louw VJ.** Plasma cell disorders in HIV. European Haematology Association (EHA)/European School of Haematology (ESH) Tutorial on Lymphoma and haematological malignancies related to HIV, May 2013 (Invited speaker)

**Louw VJ.** Plasmacytoma mimicking breast cancer in HIV. European Haematology Association (EHA)/European School of Haematology (ESH) Tutorial on Lymphoma and haematological malignancies related to HIV, May 2013 (Invited speaker)

**Louw VJ.** Plasma cell leukaemia in HIV. European Haematology Association (EHA)/European School of Haematology (ESH) Tutorial on Lymphoma and haematological malignancies related to HIV, May 2013 (Invited speaker)

**Louw VJ.** Self-evaluation case. Extramedullary plasmacytoma of the mandible in HIV-related myeloma. European Haematology Association (EHA)/European School of Haematology (ESH) Tutorial on Lymphoma and haematological malignancies related to HIV, May 2013 (Invited speaker)

**Louw VJ.** Self-evaluation case. Plasma cell leukaemia in HIV. European Haematology Association (EHA)/European School of Haematology (ESH) Tutorial on Lymphoma and haematological malignancies related to HIV, May 2013 (Invited speaker)

**Louw VJ.** Management of gastro-intestinal adverse events in myelodysplastic syndrome patients receiving iron chelation therapy. Global Iron Summit (GIS), Copenhagen, Denmark, March 2013 (Invited speaker)

**Louw VJ.** Chronic Myeloid Leukaemia diagnosis and management. Cape Town, February 20, 2013

**Louw VJ.** Chronic Myeloid Leukaemia in South Africa. South African Lymphoma Study Group Meeting, Cape Town, October 2012.

**Louw VJ.** Transfusion requirements, the impact of transfusions on overall survival, and the role of chelation therapy. University of the Free State, Bloemfontein, October 2012.

**Louw VJ.** Management strategies for low-risk myelodysplastic syndromes (MDS). University of the Free State, Bloemfontein, October 2012.

**Louw VJ.** Transfusion requirements, the impact of transfusions on overall survival, and the role of chelation therapy. EGM Iron Summit, Hong Kong, September 2012

**Louw VJ.** Management strategies for low-risk myelodysplastic syndromes (MDS). EGM Iron Summit, Hong Kong, September 2012.

**Louw VJ.** Chronic Myeloid Leukaemia in South Africa. Chronic Myeloid Leukaemia workshop, Johannesburg, South Africa, September 2012.

**Louw VJ.** Clinical assessment – principles and importance of the alignment thereof with curricular reform, teaching and training. Faculty of Health Sciences Workshop on Assessment, Bloemfontein, South Africa, September 2012

**Webb MJ, Barrett C, Pretorius C, Van Jaarsveld M, Louw VJ.** Chronic Myeloid Leukaemia and Human Immunodeficiency Virus (HIV) Infection. Faculty of Health Sciences Faculty Forum, University of the Free State, Bloemfontein, August 2012.

**Van Zijl PW, Sherriff A, Joubert G, Kruger WH, Louw VJ.** The Epidemiology of Breast Cancer at the University of the Free State Academic Complex. Faculty of Health Sciences Faculty Forum, University of the Free State, Bloemfontein, August 2012.

**Meiring SM, Webb MJ, Louw VJ.** HIV-associated TTP: The Effect of Microparticles on the Thrombotic Tendency in these Patients. Faculty of Health Sciences Faculty Forum, University of the Free State, Bloemfontein, August 2012.

Wienand K, **Viljoen CD, Louw VJ.** High-Resolution Melting to Screen for Insertions and



Deletions in the Kinase Domain of BCR-ABL of CML patients. Faculty of Health Sciences  
Faculty Forum, University of the Free State, Bloemfontein, August 2012.

**Louw VJ.** The stupidity of dignity? CARE Haematology and Oncology conference,  
Umhlanga, Durban, August 2012.

**Louw VJ.** Iron metabolism and iron deficiency anaemia. Workshop on MDS,  
Johannesburg, August 2012.

**Louw VJ.** Iron chelation in Myelodysplastic Syndromes (MDS). Workshop on MDS,  
Johannesburg, August 2012.

**Louw VJ.** An introduction to the diagnosis and management of Myelodysplastic  
Syndromes (MDS). Workshop on MDS, Johannesburg, August 2012.

**Louw VJ.** Medicine and the Art of Peter Paul Rubens. University of the Third Age,  
Bloemfontein, South Africa, August 2012.

**Louw VJ.** An approach to anaemia. Workshop presented at the University of Gabarone,  
Botswana, July 2012

**Louw VJ.** A model for a Postgraduate Diploma in Transfusion Medicine. HPE Prestige  
seminar, Bloemfontein, June 2012.

**Louw VJ.** The management and diagnosis of Chronic Myeloid Leukaemia. Case Manager  
Training, Johannesburg, South Africa, May 2012

**Louw VJ.** Chronic Myeloid Leukaemia in South Africa. International Society for  
Hematology (ISH) Congress. Cancun, Mexico, April 2012.

**Louw VJ.** Iron chelation in aplastic anaemia. Global Iron Summit, Berlin, March 2012

**Louw VJ.** Art and medicine – through the eyes of Peter Paul Rubens – Medical History  
Society, University of the Free State, Bloemfontein, February 2012

**Louw VJ.** The Delphi Technique Workshop. University of the Free State, Bloemfontein,  
South Africa, February 2012.

**Louw VJ.** Dignity – stupidity or not? University of the Free State, Bloemfontein,  
December 2011

**Louw VJ.** Novel agent containing induction therapy in multiple myeloma – a debate. 5<sup>th</sup>  
Haematology-Oncology Symposium, Sandton, Johannesburg, November 2011.

**Louw VJ.** Iron overload in Myelodysplastic syndromes. Novartis training workshop.  
Johannesburg, November 2011.

**Louw VJ.** Myelodysplastic syndromes – an overview. Novartis training workshop.  
Johannesburg, November 2011.

**Louw VJ.** The management of Multiple Myeloma. Johannesburg, October 2011.

**Louw VJ.** Haematology Update for Medical Advisors. Stem cell transplantation in Multiple Myeloma. Johannesburg, October 2011.

**Louw VJ.** Bone disease in Multiple Myeloma. Haematology Update for Medical Advisors. Johannesburg, October 2011

**Louw VJ.** Multiple Myeloma – an overview. Haematology Update for Medical Advisors. Johannesburg, October 2011.

**Louw VJ.** Iron chelation in MDS. University of the Free State Postgraduate Diploma in Transfusion Medicine Contact Session, Bloemfontein, September 2011.

**Louw VJ.** Peter Paul Rubens: a perspective on medicine through the eyes of an artist. CARE meeting, Knysna, September 2011.

**Louw VJ.** Dignity and Dignity Therapy. University of the Free State, August 2011.

**Louw VJ.** Ethical Issues in Caring for the Terminally Ill. University of the Free State, July 2011.

**Louw VJ.** Iron Overload and Chelation Therapy in Myelodysplastic Syndromes. Medical Aids Case Managers Meeting Pretoria, South Africa, July 2011.

**Louw VJ.** An Introduction to Myelodysplastic Syndromes. Medical Aids Case Managers Meeting. Pretoria, South Africa, July 2011.

**Louw VJ.** The Delphi Technique Workshop. University of the Free State, Bloemfontein, South Africa, June 2011.

**Louw VJ.** Iron chelation in Myelodysplastic Syndromes. Novartis OncologyHematology Roundtable Networking Event. London, United Kingdom, June 2011.

**Louw VJ.** Iron overload in myelodysplastic syndromes – Novartis Oncology Satellite Symposium. 16th Congress of the European Haematology Association, London, United Kingdom, June 2011.

**Louw VJ.** Causation versus association – a critical look at the literature. Novartis Preceptorship meeting. Bloemfontein, June 2011.

**Louw VJ.** Critical appraisal of Randomised Controlled Trials. Novartis Preceptorship meeting. Bloemfontein, June 2011.

**Louw VJ.** Iron chelation in MDS. Novartis Preceptorship meeting. Bloemfontein, June 2011.

**Louw VJ.** Iron chelation in myelodysplastic syndromes: patient management and monitoring. Iron Chelation in MDS Summit, Dubai, April 2011.

**Louw VJ.** Iron chelation in myelodysplastic syndromes – a SANE approach. Plenary presentation at the Iron Chelation in MDS Summit, Dubai, April 2011.

**Louw VJ.** Iron chelation in aplastic anaemia. Global Iron Summit (GIS) meeting, Istanbul, March 2011.

**Louw VJ.** Managing drug-drug interactions in Chronic Myeloid Leukemia – a case-based discussion. Novartis CML Scientific Forum. Melrose Arch, Johannesburg, November 2010.

**Louw VJ.** An overview of Chronic Myeloid Leukemia. Johannesburg, South Africa, November 2010.

**Roodt J,** Lamprecht S, Badenhorst, P, Louw V, Feys H, Vandeputte, N, Vanhoorelbeke K, Deckmyn H. Pathvine, Stellenbosch, South Africa, September 2010.

**Meiring MM,** Webb MJ, Louw VJ, Goedhals, D. Thrombin potential in HIV positive patients. Faculty Forum, Bloemfontein, August 2010.

**Louw VJ.** Iron chelation in patients with myelodysplastic syndromes. Pretoria, South Africa, August 2010.

**Louw VJ.** The treatment of myelodysplastic syndromes. Pretoria, South Africa, August 2010.

**Louw VJ.** An introduction to myelodysplastic syndromes. Pretoria, South Africa, August 2010.

**Louw VJ.** Developing a South African guideline for the management of myelodysplastic syndromes. Kapama Lodge, South Africa, August 2010.

**Feys HB,** Vandeputte N, Roodt J, Lamprecht S, Van Rensburg WJ, Louw VJ, Badenhorst PN, Deckmyn H, Vanhoorelbeke K. Complete deficiency of ADAMTS13 is sufficient to cause TTP in non-human primates. 21<sup>st</sup> International Congress on Thrombosis. Milan, Italy, July 2010.

**Louw VJ.** Management of neutropenic fever, Durban, South Africa, July 2010.

**Louw VJ.** Managing the side-effects of Bortezomib. Bloemfontein, South Africa, May 2010.

**Louw VJ.** Multiple myeloma – update on treatment regimen. Bloemfontein, South Africa, May 2010.

**Louw VJ.** Update on the European LeukemiaNet guidelines for the monitoring and treatment of chronic myeloid leukaemia. Bloemfontein, South Africa, May 2010.

**Louw VJ.** Management of iron overload in the elderly patient. CML Expert Meeting, Johannesburg, South Africa, May 2010.

**Louw VJ.** Management of Thrombocytopenic Purpura. Bloemfontein, South Africa, May 2010.

**Louw VJ.** Mechanisms of Imatinib resistance. Bloemfontein, South Africa, April 2010.

**Louw VJ.** Recommendations on the development of a national guideline for the monitoring and treatment of chronic myeloid leukemia in South Africa. Johannesburg, South Africa, February 2010. **Louw VJ.** Mechanisms of Imatinib resistance. Bloemfontein, South Africa, April 2010

**Louw VJ.** Update on the European LeukemiaNet guidelines for the monitoring and treatment of chronic myeloid leukaemia. Johannesburg, South Africa, February 2010.

**Louw VJ.** Efficacy and safety of Nilotinib in chronic and accelerated phase adult chronic myeloid leukaemia patients resistant or intolerant to Imatinib. Durban, South Africa, February 2010.

**Louw VJ.** Efficacy and safety of Nilotinib in chronic and accelerated phase adult chronic myeloid leukaemia patients resistant or intolerant to Imatinib. Bloemfontein, South Africa, February 2010.

**Louw VJ.** Iron overload in myelodysplastic syndromes. Symposium on iron toxicity in myelodysplastic syndromes. Singapore, February 2010.

**Louw VJ.** Delayed achievement of cytogenetic and molecular response is associated with increased risk of progression among patients with chronic myeloid leukemia in early chronic phase receiving high-dose or standard-dose Imatinib therapy. CML Intercontinental Expert Meeting. New Orleans, United States of America, December 2009.

**Louw VJ.** Dasatinib early intervention after cytogenetic or hematological resistance to Imatinib in patients with chronic myeloid leukemia. CML Intercontinental Expert Meeting. New Orleans, United States of America, December 2009.

**Louw VJ, Hay JF, Nel MM.** Ethical challenges faced by clinicians dealing with blood transfusion in the clinical setting. 31st National Blood Congress, Johannesburg, November 2009.

**Louw VJ, Hay JF, Nel MM.** Defining the roles, skills, competences and areas of knowledge required of a clinician involved in the transfusion of blood and blood products that complete a Postgraduate Diploma in Transfusion Medicine. 31st National Blood Congress, Johannesburg, November 2009.

**Mlombe YB, Jafta AD, Louw VJ, Badenhorst, PN.** Clinical utility of bone marrow examination in HIV patients. PathTech Congress, Durban, September 2009.

**Theron M, Louw VJ.** Myelodysplastic syndromes: Implementation and validation of a scoring system with prognostic significance. Faculty Forum, Bloemfontein, August 2009.

**Mlombe YB, Jafta AD, Louw VJ, Badenhorst PN.** Clinical utility of bone marrow examination in HIV patients. Faculty Forum, Bloemfontein, August 2009.

**Visagie GJ, Webb MJ, Louw VJ.** Myocardial involvement in Thrombotic Thrombocytopenic Purpura. Faculty Forum, Bloemfontein, August 2009.

**Louw VJ.** Guidelines for the management of neutropenic fever. Tema Oncology Group meeting, Seapoint, Cape Town, July 2009.

**Louw VJ.** Stem cell transplantation in multiple myeloma. University of the Free State Internal Medicine Refresher course. Bloemfontein, July 2009.

**Louw VJ, Nel MM, Hay JF.** Challenges faced by clinicians dealing with blood transfusion in the clinical setting: an ethical medico - legal perspective. South African Association for Health Education 2nd National Health Science Conference, Cape Town, July 2009

**Louw VJ.** The management of myelodysplastic syndromes according to prognostic risk stratification – Vidaza launch and Myelodysplastic syndrome expert panel meeting, Franschhoek, April 2009.

**Louw VJ.** Management of complex Chronic Myeloid Leukemia cases – interactive discussion. 4th Nilotinib Investigator Meeting, Dublin, October 2008.

**Louw VJ.** Waldenstrom macroglobulinemia – aspects of prognosis and treatment. Biannual South African Lymphoma Study Group meeting, Cape Town, October 2008 (Invited speaker).

**Van Deventer JJ, Viljoen CD, Louw VJ.** The application of real-time quantitative PCR in CML diagnostics. Faculty Forum, Bloemfontein, August 2008.

**Louw VJ.** An approach to the management of thrombotic thrombocytopenic purpura. 48<sup>th</sup> Annual Congress of the Federation of the South African Societies of Pathology – Cape Town, July 2008 (Invited speaker).

**Van Deventer JJ, Viljoen CD, Louw VJ.** The application of Real-time quantitative PCR in CML diagnostics. 48<sup>th</sup> Annual Congress of the Federation of the South African Societies of Pathology – Cape Town, July 2008.

**Louw VJ.** An approach to the management of thrombotic thrombocytopenic purpura. Internal Medicine Refresher Course, Bloemfontein, July 2008.

**Louw VJ.** Maintenance therapy in multiple myeloma post-autologous stem cell transplantation. 2nd Meeting of the Haematology Oncology Consensus Group, Cape Town, March 2008 (Invited speaker).

**De Kock A, Louw MS, Louw VJ, Coetzee MJ, Nonyana M.** Killer-cell immunoglobulin-like receptor haplotype diversity in three Free State population groups. Faculty Forum, Bloemfontein, 2007. (Overall Winner: Best laboratory paper).

**Van Deventer JJ, Viljoen CD, Louw VJ.** The application of real-time quantitative PCR in CML diagnostics. Faculty Forum, Bloemfontein, 2007.

Janse Van Rensburg B, **Coetzee MJ**, Louw VJ, Rossouw G, Katchovska R, Jafta D, Pretorius L, Van Loggerenberg C, Alli N, Krause A, Essop F, Thein SL, Thompson L, Pissard S. Sicklet haemoglobin heterozygote with a severe phenotype – the explanation. Faculty Forum, Bloemfontein, 2007.

**De Kock A, Louw MS, Louw VJ, Coetzee MJ.** South African Pathology Congress. Killer-Cell Immunoglobulin-like Receptor haplotype diversity in three Free State population groups. 47<sup>th</sup> Annual Congress of the Federation of SA Societies of Pathology – Polokwane, South

Africa, July 2007.

**Alli NA**, Coetzee MJ, J Van Rensburg BW, Rossouw G, Louw VJ, Thompson L, Pissard S, Thein SL. Homozygous sickle clinical phenotype in a sickle carrier with co-existing pyruvate kinase deficiency. 47<sup>th</sup> Annual Congress of the Federation of SA Societies of Pathology – Polokwane, South Africa, July 2007.

**Louw VJ**. First-line antifungal treatment in persistent neutropenic fever. 1<sup>st</sup> Meeting of the Haematology Oncology Consensus Group, Mount Grace, Magaliesberg, January 2007.

**Louw MS**, De Kock A, Louw VJ. Killer-cell immunoglobulin-like receptors haplotype diversity in three Free State population groups. Faculty Forum, Bloemfontein, 2006.

**Pretorius L**, Van Staden B, Coetzee CES, Louw VJ. A rare case of thymoma-associated adult pure red cell aplasia responding to cyclophosphamide. Faculty Forum, Bloemfontein, 2006.

**Louw VJ**. Mechanisms of resistance to targeted therapy in chronic myeloid leukemia. Haematology Update. Franschoek. South Africa, May 2006.

**Louw VJ**. An update on the treatment of chronic lymphocytic leukemia. Trends in Lymphoma Treatment symposium – update from ICML Lugano. Bloemfontein. South Africa, July 2005.

**Louw VJ**. Minimal residual disease in CLL. Biannual South African Lymphoma Congress, Cape Town, 2004 (invited speaker).

**Jafta AD**, Pretorius L, Jansen Van Rensburg BW, Coetzee MJ, Louw VJ, Rossouw GJ, Katchovska RH, Van Loggerenberg C, Alli NA, Essop FB, Krause A. Sickle haemoglobin heterozygote presenting with a severe phenotype. Faculty Forum, Bloemfontein, 2004.

**Mullens W**, Herbots L, Louw VJ, Herregods J, Vanhaecke J. Echocardiographic resolution of cardiac amyloidosis after high-dose Melphalan and autologous blood stem cell transplantation. Heart failure Update, Wroclaw, Poland, June 2004.

**Louw VJ**. Immune thrombocytopenic purpura – to treat or not to treat. Free State University Centenary Celebration, Bloemfontein, 2004.

**Verburgh ER**, Achten R, Brusselmans C, Louw V, Delforge M, Vandenberghe P, Hagemeijer A, Boogaerts M, De Wolf-Peeters C, Verhoef G. A new disease definition of low grade MDS based on the expression of cytopenia and dysplasia in one or more lineages at diagnosis improves on the FAB and WHO classification. European Haematology Association 9<sup>th</sup> congress, Geneva, 2004.

**Louw VJ**. Chronic lymphocytic leukemia – diagnosis and treatment. Bloemfontein, South Africa, 2004.

**Louw VJ**. Auto-immune thrombocytopenia – diagnosis and treatment. Annual Physician training days – Catholic University of Leuven, Belgium, 2003.

**Louw VJ**. The ethical implications of reproductive and therapeutic cloning. Genk,

Belgium, 2003.

**Louw VJ.** The history of multiple myeloma and new emerging therapies. Leuven, Belgium, 2001

**Louw VJ.** Anthracyclines and the monitoring of cardiac function during chemotherapy. Leuven, Belgium, 2001.

**Louw VJ.** The use of extracorporeal photopheresis in the treatment of chronic graft-versus-host-disease in patients who received an allogeneic stemcell transplantation. Leuven, Belgium, 2001.

**Louw VJ.** The use of non-invasive ventilation in patients with respiratory failure. Leuven, Belgium, 2001

**Louw VJ.** Laughter the best medicine. Tygerberg, 2000

**Louw VJ,** Reuter H, Smedema JP, Katjita I, Pretorius M, Doubell AF. Clinical experience with two- dimensional echocardiographically guided pericardiocentesis and extended drainage in a population with a high prevalence of HIV infection. 1<sup>st</sup> Cardiology congress of the South African Heart Association, Stellenbosch, 2000.

**Louw VJ,** Reuter H, Smedema JP, Katjita I, Pretorius M, Doubell AF. Two-dimensional echocardiographically guided pericardiocentesis in a population with a high prevalence of HIV infection. 44<sup>th</sup> Academical Year Day, Tygerberg, 2000.

**Katjita I,** Smedema JP, Louw VJ, Reuter H, Pretorius M, Doubell AF. Tuberculous Pericarditis at Tygerberg Hospital. 43<sup>d</sup> Academical Year Day, Tygerberg, 1999.

**Louw VJ,** Reuter H, Corbett C, Burgess LJ, Doubell AF. Two-dimensional echocardiographically guided pericardiocentesis: experience in 150 consecutive patients with clinically significant pericardial effusions. 43<sup>d</sup> Academical Year Day, Tygerberg, 1999.

**Reuter H,** Louw VJ, Corbett C, Burgess LJ, Doubell AF. Human immunodeficiency virus associated tuberculous pericarditis. 21<sup>st</sup> Biennial Congress of the Southern African Cardiac Society, Durban, 1998.

Burgess LJ, Reuter H, **Louw VJ,** Corbett C, Doubell AF, Taljaard F. The significance of adenosine deaminase and interferon- $\gamma$  levels in tuberculous pericarditis. 42<sup>nd</sup> Academical Year Day, Tygerberg, 1998.

**Louw VJ,** Du Plessis DG, Bezuidenhout J, Bates WD, Moosa MR. Causes of death in renal transplant patients: a post-mortem study. 42<sup>nd</sup> Academical Year Day, Tygerberg, 1998.

**Reuter H,** Louw VJ, Corbett C, Doubell AF. The role of intra-pericardial adjuvant steroid therapy in patients with TB pericardial effusions. 41<sup>st</sup> Academic Year Day, Tygerberg, 1997

**Reuter H,** Louw VJ, Corbett C, Doubell AF. The association between tuberculous pericardial effusion and infection with HIV. 41<sup>st</sup> Academic Year Day, Tygerberg, 1997.

**Du Plessis DG**, Bezuidenhout J, Louw VJ, Bates WD, Moosa MR. Causes of death in renal transplant recipients: a post-mortem study. 37<sup>th</sup> Annual Congress of the Federation of South African Societies of Pathology in Cape Town, 1997.

**Du Plessis DG**, Bezuidenhout J, Louw VJ, Bates WD, Moosa MR. Major post-mortem findings in renal transplant recipients: a study of 79 autopsies from 1977-1996. 17<sup>th</sup> Congress of the Southern African Transplant Society Congress. Stellenbosch, 1997



## Videos produced

**Louw VJ.** Cost-Related Non-Adherence - Medication Adherence Series. Vernon Louw MedEd, YouTube. November 26, 2014

**Louw VJ.** Fear and Non-Adherence - Medication Adherence Series. Vernon Louw MedEd, YouTube. November 26, 2014

**Louw VJ.** Primary Non-Adherence - Medication Adherence Series. Vernon Louw MedEd, YouTube. November 26, 2014

**Louw VJ.** The Cost of Non-Adherence - Medication Adherence Series. Vernon Louw MedEd, YouTube. November 24, 2014

**Louw VJ.** Microcytic Anemia - The Major Causes. Vernon Louw MedEd, YouTube. November 23, 2014

**Louw VJ.** Inquiry-Based Compliance Enhancement - Medication Adherence Series. Vernon Louw MedEd, YouTube. November 23, 2014

**Louw VJ.** Compliance Decay - Medication Adherence Series. Vernon Louw MedEd, YouTube. November 23, 2014

**Louw VJ.** Mechanisms of Non-Transferrin Bound Iron (NTBI) Generation (NTBI Part 2). Vernon Louw MedEd, YouTube. November 23, 2014

**Louw VJ.** Non-Transferrin Bound Iron (NTBI) - A Quick Overview (NTBI Part 1). Vernon Louw MedEd, YouTube. November 23, 2014

**Louw VJ.** The Haematocrit Explained – Full Blood Count Masterclass. Vernon Louw MedEd, YouTube. June 30, 2014

**Louw VJ.** The Packed Cell Volume Explained. Vernon Louw MedEd, YouTube. June 29, 2014

**Louw VJ.** Iron Loss Explained. Vernon Louw MedEd, YouTube. June 21, 2014

**Louw VJ.** Iron Absorption Explained. Vernon Louw MedEd, YouTube. May 29, 2014

**Louw VJ.** The Basolateral Membrane - Clearing up the confusion. Vernon Louw MedEd, YouTube. May 7, 2014

**Louw VJ.** Cellular Iron Uptake Explained. Vernon Louw MedEd, YouTube. April 15, 2014

**Louw VJ.** Total Iron Binding Capacity (TIBC) Explained. Vernon Louw MedEd, YouTube. April 5, 2014

**Louw VJ.** Transferrin Saturation Explained. Vernon Louw MedEd, YouTube. April 2, 2014

**Louw VJ.** Iron Metabolism - A Quick Overview. Vernon Louw MedEd, YouTube. March 26, 2014

**Louw VJ.** Erythroferrone and Iron Metabolism. Vernon Louw MedEd, YouTube. March 11, 2014

- Louw VJ.** Cancer clones and Clonal Selection. Vernon Louw MedEd, YouTube. March 5, 2014
- Louw VJ.** Anaemia in a young woman - Haematology case studies. Vernon Louw MedEd, YouTube. August 27, 2013
- Louw VJ.** Chain of events principle in clinical reasoning for medical students and doctors. Vernon Louw MedEd, YouTube. August 6, 2013
- Louw VJ.** Presenting at the highest level - Presentation Skills Masterclass. Vernon Louw MedEd, YouTube. August 1, 2013
- Louw VJ.** Anaemia - The Basics. Vernon Louw MedEd, YouTube. June 17, 2013
- Louw VJ.** Measuring Spleen Size - Clinical Skills Made Easy. Vernon Louw MedEd, YouTube. June 3, 2013
- Louw VJ.** ESR Made Easy (Improved sound) - Erythrocyte sedimentation rate - Full Blood Count Masterclass. Vernon Louw MedEd, YouTube. May 12, 2013
- Louw VJ.** The Natural History of Myelodysplastic Syndromes (Intermediate level). Vernon Louw MedEd, YouTube. May 9, 2013
- Louw VJ.** Epidemiology of the Myelodysplastic Syndromes (MDS) (Advanced). Vernon Louw MedEd, YouTube. May 1, 2013
- Louw VJ.** Prognosis in Myelodysplastic syndromes - using the IPSS (Advanced). Vernon Louw MedEd, YouTube. April 9, 2013
- Louw VJ.** Stem Cell Basics - How Blood is Made. Vernon Louw MedEd, YouTube. April 2, 2013
- Louw VJ.** Roald Dahl and the Myelodysplastic syndromes (MDS). Full Blood Count Masterclass Series. Vernon Louw MedEd, YouTube. March 12, 2013
- Louw VJ.** Polycythaemia - The red-faced artist - Full Blood Count Masterclass Series. Vernon Louw MedEd, YouTube. March 5, 2013
- Louw VJ.** Understanding the mean cell volume (MCV) - Full Blood Count Masterclass series. Vernon Louw MedEd, YouTube. February 21, 2013
- Louw VJ.** Platelet satellitism - Full Blood Count Masterclass series. Vernon Louw MedEd, YouTube. February 1, 2013
- Louw VJ.** The Buffy Coat made easy – Full Blood Count Masterclass Series. Vernon Louw MedEd, YouTube. January 30, 2013
- Louw VJ.** ESR made easy - Erythrocyte Sedimentation Rate - Full Blood Count Masterclass series. Vernon Louw MedEd, YouTube. January 28, 2013
- Louw VJ.** Platelet clumping – Full Blood Count Masterclass Series. Vernon Louw MedEd, YouTube. January 26, 2013

## Publications (other)

**Louw VJ.** Why do we chelate in MDS? Expert Q&A with Professor Vernon Louw. Novartis MDS Tour 2014

## Clinical Trials (a selection from trial involvement from 2004 – 2014)

### Member of Study Management Committees:

Extending molecular responses with Nilotinib in newly diagnosed chronic myeloid leukemia (CML) patients in chronic phase (ENESTxtnd) – CAMN107E2401

### 2004: Principal Investigator for:

- A randomized controlled study of DOXIL®/CAELYX® (doxorubicin HCl liposome injection) and VELCADE™ (Bortezomib) or VELCADE monotherapy for the treatment of relapsed multiple myeloma. (Protocol: DOXIL-MMY-3001: Phase 3)

### 2005: Principal Investigator for:

- A Phase 2 Study to Determine The Activity Of BMS-354825 in Subjects with Chronic Phase Philadelphia Chromosome –Positive Chronic Myeloid Leukemia Who Have Disease that is Resistant to High Dose Imatinib Mesylate (Gleevec) or Who are Intolerant Of Imatinib, Protocol: CA 180013
- A Randomized Multi-center Open Label Study of BMS -354825 vs. Imatinib Mesylate(Gleevec) 800 mg/d in Subjects with Chronic Phase Philadelphia Chromosome-Positive Chronic Myeloid Leukemia Who Have Disease That is Resistant to Imatinib at a Dose at 400-600 mg/d, Protocol: CA 180017
- A Randomized Two-by-Two, Multicenter, Open-Label Phase III Study of BMS-354825 Administered Orally at a Dose of 50 mg or 70 mg Twice Daily or 100 mg or 140 mg Once Daily in Subjects with Chronic Phase Philadelphia Chromosome or BCR-ABL Positive Chronic Myelogenous Leukemia Who are Resistant or Intolerant to Imatinib Mesylate (Gleevec®), Protocol: CA 180034
- A Randomized Two-Arm, Multicenter, Open-Label Phase 2 Study of BMS-354825 Administered Orally at a Dose of 70 mg Twice Daily (BID) or Once Daily (QD) in Subjects with Chronic Myeloid Leukemia (CML) in Accelerated Phase (AP) or in Myeloid (My) or Lymphoid (Ly) Blast Phase (BP) or with Philadelphia Chromosome Positive Acute Lymphoblastic Leukemia (Ph+ALL) Who are Resistant or Intolerant to Imatinib Mesylate (Gleevec) Protocol: CA 180-035

A randomized, open-label study of 400mg versus 800mg of Gleevec in patients with newly diagnosed, previously untreated chronic myeloid leukemia in chronic phase (CML-CP) using molecular endpoints – TOPS Study

**2006: Principal Investigator for:**

- Randomised, Controlled, Open-labeled, Multi-centre, Comparison of Thalidomide versus High-dose Dexamethasone for the Treatment of Relapsed Refractory Multiple Myeloma. Protocol: THA PH INT 2005 CL 001

**2007 Principal Investigator for:**

A Phase I/II Study of SKI-606 in Philadelphia Chromosome Positive Leukemias. Protocol: 3160A4-200-WW

A phase II, multicenter study of oral LBH589 in patients with accelerated phase blast phase chronic myeloid leukemia with resistant disease following treatment with at least two BCR/ABL tyrosine kinase inhibitors. Protocol: CLBH589B2211

**2008 Principal Investigator for:**

- A Worldwide, Observational Registry collecting Longitudinal Data on the management of Chronic Myelogenous Leukemia (CML) patients (The WORLD CML Registry) in routine practice. Protocol: CST1571A2402

An open-label, multicenter, expanded access study of oral AMN 107 in adult patients with Imatinib(Glivec/Gleevec)-resistant or –intolerant chronic myeloid leukemia in blast crisis, accelerated phase or chronic phase. Protocol: CAMN107A2109

An open-label study to assess the effect of CYP3A4 induction on the pharmacokinetics of Velcade.

**2009 Principal Investigator for:**

A Phase I open-label study to assess the effect of CYP3A4 liver enzyme induction on the pharmacokinetics of Velcade. Protocol: 26866138-CAN-1006

**2010 Principal Investigator for:**

- A multicenter, randomized, double-blind, placebo controlled phase III study of Panobinostat in combination with Bortezomib and Dexamethasone in patients with relapsed multiple myeloma. Protocol no: CLBH589D2308

**Manuscripts being prepared for publication:**

Eleven draft manuscripts in different phases of preparation for submission to peer-reviewed journals. Aim is to complete and submit the rest in the course of 2015.

**Editorial Boards:**

The Cancer Journal (South African excerpts edition) – 2010 to present

Journal of Hematology Research – May 2014 to present

**International Editorial Advisor:**

Clinical Medicine textbook – Kumar and Clarke (6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> editions)

African Journal of Haematology and Oncology

**Reviewer for medical journals:****International:**

- Advances in Hematology
- Annals of Internal Medicine
- Annals of Medical and Health Sciences Research
- Clinical Case Reports (Wiley)
- International Journal of STD & AIDS
- Journal of Blood Disorders and Transfusion
- Journal of Medical Microbiology
- Journal of Tissue Science and Engineering
- Open Journal for Blood Diseases
- Stem Cell Research and Therapy
- Therapeutic Advances in Hematology
- Transfusion and Apheresis Science
- Transfusion Medicine

**National:**

- SA Heart
- South African Medical Journal (SAMJ)
- Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie

## Reviewer of postgraduate programmes, courses and educational activities:

Programme evaluator for the Higher Education Quality Committee (HEQC) of the Council for Higher Education (CHE) of South Africa

Reviewer for the College of American Pathologists (CAP) *Archives* Self Assessment Module (SAM) education activity.

Reviewer for NTF Thuthuka programme

Panel member of the HPCSA Postgraduate Accreditation Committee to the University of Pretoria, 2014.

## Postgraduate students:

### Promotor to:

- **Mrs. T. Du Plessis:** M. Sc. Studies on The prevalence of *Helicobacter pylori* in HIV-positive and negative adult patients presenting to Clinical Haematology in Bloemfontein, South Africa (graduated April 2008).
- **Dr K Van Den Bergh.** M.M.Clin.Sc. (Transfusion Medicine). Blood utilization patterns in HIV in the Eastern Cape (graduated July 2014).
- **Dr C Pretorius.** M.Med (Internal Medicine). A demographic and clinical profile of newly diagnosed patients with chronic myeloid leukaemia (graduated).

### Co-promoter to:

- **Mr. M. Louw:** M.Sc. Studies on Killer-cell immunoglobulin-like receptors haplotype diversity in three Free State population groups (graduated 2007)
- **Mr. J. Van Deventer:** M.Sc Studies on the molecular diagnostics in Chronic Myeloid Leukemia (graduated)
- **Mrs K Wienand.** M.Sc Studies on High-resolution melting curve analysis for screening for mutations in the BCR-ABL kinase domain of CML patients. Passes with distinction and receives Dean's medal for best postgraduate student in the Faculty of Health Sciences at the University of the Free State in 2012.

- **Mrs. B Abu.** Ph.D student. An education intervention addressing nutritional status, knowledge, attitudes and practices related to known dietary risk factors for iron deficiency among mothers and their young children in Northern Ghana.

### Examiner postgraduate theses and dissertations:

- **L Wood.** 2014. University of Stellenbosch. PhD (Internal Medicine). A Historical Perspective of Allogeneic and Autologous Immunohaematopoietic Stem Cell Transplantation in South Africa and a Study of the Non-Haematological Consequences (External Examiner).
- **Me Andrea Teuchert.** 2013. University of Cape Town. MSc(Med). Cancer Testis Antigens in Multiple Myeloma. (External Examiner)
- **Dr Jacques Badenhorst.** 2013. University of Stellenbosch. MMed (Internal Medicine). Treatment outcomes in CML patients with tyrosine kinase inhibitors at a tertiary teaching hospital in South Africa (External Examiner)
- **Ms Madelein Meissner-Roloff.** 2012. University of Pretoria. Ph.D. (Immunology). Prerequisites for establishing a public human umbilical cord blood stem cell bank; assessment of public acceptance and resistance of UCB to HIV. (External Examiner)
- **Prof. Hanneke Brits.** 2011. University of the Free State. M.HPE. An evaluation of the assessment tool used for extensive mini dissertations in the Master's Degree Family Medicine at the School of Medicine, University of the Free State.
- **Ms. Monique Du Preez.** 2011. University of Pretoria. M.Sc. Immunology. Implementation of a blood conservation program in the private hospital setting in South Africa. (External Examiner)
- **Dr. Riya Moodley.** 2011. University of Stellenbosch. M.Med. Retrospective clinical audit of treatment outcome in adult patients with AML at Tygerberg Hospital from 2000-2009. (External Examiner)

### Committees and memberships:

#### Institutional:

- Blood Conservation Committee Universitas Hospitals - member 2004 - present, chairman 2005 - 2010
- Founding member and member of the scientific and steering committee of the Haematology Oncology Consensus Group – 2006 - present
- Faculty Forum Organizing Committee – Chairman 2007, Vice chairman 2006
- Faculty Forum Laboratory Evaluation Committee – Member 2005, Chairman 2006
- School of Medicine Research Committee – member 2006 – present; vice-chairman since 2011; elected chairman for 2015

- School of Medicine Selection Committee – member 2009 – 2014
- Institutional Academic Pathologies Committee (IAPC) – member 2011 - present
- Transfusion Diploma Development Group – Founding member and chairman – 2006 – present
- Faculty of Health Sciences Museum Committee member and chairman (since 2013) – 2012 – present
- Faculty Board of the Faculty of Health Sciences – member since 2004
- Senate of the University of the Free State – Member since 2013
- Executive Committee of the School of Medicine – elected 2014
- Deputy Head of School of Medicine (Research) – elected for period starting January 2015

#### **National:**

- Served as advisor to the Professorial Review Committee, University of the Witwatersrand, October 2014
- Member of the Council of Medicine of South Africa – 2013 –
- South African Society for Stem Cell Transplantation (SAScETs) – Director – 2013 -
- South African Society for Clinical Haematology Education Committee – 2011 – present
- National Blood Committee – Member and Representative Free State Province – 2005 – present
- Institute for Cellular and Molecular Medicine (previously known as the Netcare Molecular Medicine Institute) – Member and Vice chairman 2006, 2007, 2008
- South African Lymphoma Study Group Meeting – member organizing committee – 2006 - present
- Haematology-Oncology Symposium – founding member and member scientific committee – 2006 - present
- South African Bone Marrow Registry (Representative Free State) – 2006 - present
- Vice-chairman: South African Chronic Myeloid Leukaemia Expert Panel – 2009 – present
- Founding member of the South African Society for Clinical Haematology – 2011 – present
- Free State South African Medical Association (SAMA) Regional Committee – member – 2011 – 2012
- Free State Philatelic Society

#### **International:**

- American Society of Hematology (ASH) – member 2011 – present
- International Society for Hematology – member 2012 – present
- European Haematology Association – member 2005 - present
- International Society for Blood Transfusion (ISBT) – member 2006 - 2011
- African Society for Blood Transfusion – 2009 – present
- European Myeloma Network member – 2010 - 2011
- Scientific Committee of the EGM Iron Summit – 2012 – present
- Steering Committee Exjade Nursing Advisory Board – 2014 -

#### **Advisory Boards:**

- International Advisory Board and co-author Kumar and Clark's Clinical Medicine 2006–present (6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> editions)



- Novartis Oncology Chronic Myeloid Leukemia (CML) Opinion Leader Group Southern Hemisphere
- Member of the BMS Intercontinental Expert Panel on Chronic Myeloid Leukemia (CML)– 2009- present
- Celgene Thalidomide Southern Hemisphere Expert Group – 2006 - present
- Tema Oncology Group – 2008 – present
- Novartis Oncology National Iron chelation advisory board (chairman)
- Novartis Oncology National CML advisory board (vice-chairman)
- BMS CML National advisory board
- Amgen Oncology National Advisory Board
- ENESTxtnd Chronic Myeloid Leukaemia International Study Data Monitoring and Safety Board (DMSB) – 2012 – present
- Key Oncologics Advisory Board on Myelodysplastic Syndromes and Multiple Myeloma since 2014 – Founding member

### Programme development:

#### Recent:

- Developed the only English-speaking postgraduate programme in Africa in clinical Transfusion Medicine focused on medical doctors. This includes a Postgraduate Diploma in Transfusion Medicine and a Master's Degree in Transfusion Medicine.
- Scriptwriter, producer and presenter of three DVDs used in student teaching, titled, “ An approach to lymphadenopathy”, “ An approach to splenomegaly” and “ An approach to hepatomegaly” (done in conjunction with Dr. S. Joubert)

### Examiner:

- Examiner M.Med (Internal Medicine) – 2004, 2005, 2006, 2007, 2008
- Examiner MBChB 2004, 2005, 2006, 2007
- Examiner M.Med (Haematological Pathology) – 2005, 2007, 2011
- Examiner Colleges of Medicine of South Africa (Cert Clinical Haematology) – 2006
- Examiner College of Medicine of South Africa (FCP Internal Medicine) – 2009
- Convenor and Examiner FCP Clinical Haematology (Path) – 2010
- Convenor and Examiner FCP Clinical Haematology (Phys) – 2010
- Examiner FCP Clinical Haematology (Phys) – 2012
- Examiner College of Medicine of South Africa (FCP Internal Medicine) – 2013
- Moderator FCP Part II College of Medicine of South Africa (FCP Internal Medicine) – 2013 (Haematology and Immunology components)
- Moderator FCP Cert Clin Haematology(SA) Path, Phys (WRITTEN/ORAL/CLINICAL/PRACTICAL)

### Workshops presented:

- Lecture halls without lectures – flipping the classroom. University of British Columbia, Vancouver, Canada, November 2014
- Lecture halls without lectures – flipping the classroom. University of the Free State, October 2014
- The Delphi Technique Workshop. University of the Free State, Bloemfontein, South Africa, 2011, 2012, 2013 and 2014.
- Chronic Myeloid Leukaemia in South Africa. Chronic Myeloid Leukaemia workshop, Johannesburg, South Africa, September 2012.
- Clinical assessment – principles and importance of the alignment thereof with curricular reform, teaching and training. Faculty of Health Sciences Workshop on Assessment, Bloemfontein, South Africa, September 2012
- Workshop on myelodysplastic syndromes and iron chelation therapy for Novartis Oncology – August 2012, Pretoria
- Workshop and academic visit on Clinical Haematology, University of Botswana Medical School – July 2012, Gabarone, Botswana
- Workshop on iron overload in myelodysplastic syndromes for Novartis Oncology – October 2012, Johannesburg
- Workshop on myelodysplastic syndromes and iron chelation therapy for Novartis Oncology – November 2011, Johannesburg
- Workshop on myelodysplastic syndromes and iron chelation therapy at Global Iron Summit, March 2014, Athens, Greece

### International meetings and conferences attended:

- 9<sup>th</sup> Congress of the European Hematology Association – Geneva, Switzerland, June 2004
- 46<sup>th</sup> Annual Meeting of the American Society of Hematology – San Diego, USA, December 2004
- 9<sup>th</sup> International Conference on Malignant Lymphoma – Lugano, Switzerland, June 2005
- XXXth World Congress of the International Society of Hematology – Istanbul, Turkey, September 2005
- 32<sup>nd</sup> Annual Meeting of the European Group for Blood and Marrow Transplantation – Hamburg, Germany, March 2006
- World Marrow Donor Association (WMDA) conference – Cape Town, South Africa, May 2006
- CML Opinion Leader Group Southern Hemisphere meeting – Adelaide, Australia – September 2006
- XXIXth International Congress of the International Society of Blood Transfusion (ISBT) – September 2006, Cape Town
- 10<sup>th</sup> International Course on the Clinical Management of Thalassemia - Nicosia, Cyprus, November 2006
- Pharmion Southern Hemisphere Expert Meeting – Sydney, Australia, December 2006
- 3<sup>rd</sup> Nilotinib Global Investigator Meeting – Lausanne, Switzerland, April 2007
- 12<sup>th</sup> Congress of the European Association of Haematology – Vienna, Austria, June 2007
- 49<sup>th</sup> Annual Meeting of the American Society of Hematology – Atlanta, USA, December 2007

- 34<sup>th</sup> Annual Meeting of the European Group for Blood and Marrow Transplantation – Florence, Italy, March 2008
- 4<sup>th</sup> Nilotinib Global Investigator Meeting – Dublin, Ireland, October 2008 as member of Faculty and facilitator of breakout group
- 50<sup>th</sup> Annual Meeting of the American Society of Hematology – San Francisco, USA, December 2008
- CML global expert meeting – Paris, January 2009
- CML Global Opinion Leaders Summit – Paris, May 2009
- Association for Medical Education (AMEE) Congress - Malaga, Spain, September 2009 (poster presentation)
- BMS CML Intercontinental Steering Committee Meeting - New Orleans, United States of America, December 2009 (Invited speaker)
- 51<sup>st</sup> Annual Meeting of the American Society of Hematology – New Orleans, USA, December 2009
- Iron chelation Asia-Middle East-Africa Summit – Singapore, February 2010 (Invited speaker)
- 36<sup>th</sup> Annual Meeting of the European Group for Blood and Marrow Transplantation – Vienna, Austria, March 2010
- 5<sup>th</sup> New Horizons Conference on Myeloproliferative disorders – Lisbon, Portugal, March 2010.
- Chronic Myeloid Leukaemia Asia-Pacific-Africa Expert Panel - Kuala Lumpur, Malaysia – April 2010 (South African representative)
- 15<sup>th</sup> Congress of the European Association of Haematology (EHA) – Barcelona, Spain, June 2010
- European Myeloma Working Group Meeting for the drawing up of guidelines for the management of Multiple Myeloma– Madrid, Spain, June 2010 – South African representative (publication in press)
- 52<sup>nd</sup> Annual Meeting of the American Society of Hematology – Orlando, USA, December 2010 (Poster presentation)
- Global Iron Summit (GIS) meeting, Istanbul, Turkey, March 2011 (Invited Speaker)
- Iron Chelation in MDS Summit, Dubai, UAE, April 2011 (Invited Speaker)
- 11<sup>th</sup> International Symposium on Myelodysplastic Syndromes, Edinburgh, United Kingdom, May 2011
- 16<sup>th</sup> Congress of the European Haematology Association (EHA), London, United Kingdom, June 2011 (Invited Speaker at Satellite Symposium)
- Myeloma and Non-Hodgkin Lymphoma Debates, Paris, France, January 2012.
- Global Iron Summit (GIS) meeting, Berlin, Germany, March 2012 (Invited Speaker)
- XXXIV<sup>th</sup> International Society for Hematology, Cancun, Mexico, April 2012 (Invited speaker)
- 1<sup>st</sup> EGM Iron Summit, Hong Kong, September 2012, (Invited speaker and member of expert panel during plenary session)
- APECHO Conference, Shanghai, China, November 2012 (expert panel member)
- 54<sup>th</sup> Annual meeting of the American Society of Haematology (ASH) – Atlanta, USA, December 2012.
- Global Iron Summit (GIS), Copenhagen, Denmark, March 2013 (Invited speaker)
- Chronic Myeloid Leukaemia Asia-Pacific-Africa Expert Panel – Bangkok, Thailand – April 2013 (South African representative)
- Amgen Haematology Oncology Meeting – Dubai, UAE, April 2013 (Invited speaker)

- European Haematology Association (EHA)/European School of Haematology (ESH) Tutorial on Lymphoma and haematological malignancies related to HIV, May 2013 (Invited speaker)
- 18<sup>th</sup> Congress of the European Association of Haematology (EHA) – Stockholm, Sweden, June 2013
- EGM Iron Summit, Delhi, India, September 2013 – Scientific committee chairman and speaker
- Global Iron Summit (GIS), Athens, Greece, March 2014 (Invited speaker and workshop co-chair)
- 19th Congress of the European Haematology Association (EHA), Milan, Italy, June 2014

### National meetings and conferences attended:

- Symposium on the management of atherothrombosis, Bloemfontein, 2004
- Symposium on the use of oral bisphosphonates in malignancy, Johannesburg, 2004
- 11<sup>th</sup> Biennial South African Lymphoma Study Group Meeting – October 2004
- 45<sup>th</sup> Annual Congress of the Federation of SA Societies of Pathology – Pretoria, South Africa, July 2005
- The Oncology Funding Dilemma: is South Africa unique? – Symposium Roche, Johannesburg, January 2006
- Hematology Update Meeting – Franschhoek, South Africa, May 2006
- 1<sup>st</sup> Meeting of the Haematology Oncology Consensus Group – Mount Grace, Magaliesberg, January 2007
- 5<sup>th</sup> South African Haematopoietic Stem Cell Transplantation Symposium – Cape Town, South Africa, March 2007
- 47<sup>th</sup> Annual Congress of the Federation of SA Societies of Pathology – Polokwane, South Africa, July 2007
- 2nd Meeting of the Haematology Oncology Consensus Group – Cape Town, March 2008
- Novartis Oncology Stand Alone Meeting – Magaliesburg, South Africa, May 2008 (on expert panel for session on CML)
- Internal Medicine Refresher Course, Bloemfontein, July 2008 (speaker)
- 48<sup>th</sup> Annual Congress of the Federation of the South African Societies of Pathology – Cape Town, July 2008 (invited speaker and session chair)
- Biannual South African Lymphoma Study Group meeting, Cape Town, October 2008 (Invited speaker and session chair)
- 7<sup>th</sup> Stem Cell Transplantation Society congress – Johannesburg, January 2009 (session chair)
- South African Chronic Myeloid Leukaemia Expert Panel (Vice-chair) – Johannesburg, August 2009
- Tema Oncology Group meeting – Seapoint, Cape Town (speaker)
- Bayer-Schering Pharma meeting on 'Changing paradigms in CLL' – Cape Town, July 2008
- Internal Medicine refresher course – Bloemfontein, July 2009 (speaker)
- Tema Oncology Group Key Opinion Leader meeting – Franschhoek, October 2009
- Multiple Myeloma Debate – Johannesburg, November 2009
- Chronic lymphocytic leukemia expert panel meeting (member) – August 2009
- Expert panel for myelodysplastic syndromes (chairman and speaker) – Franschhoek, April 2009
- Haematology Oncology Consensus Group annual conference (founding member and member scientific committee) - Magaliesberg, South Africa, August 2009

- 31st National Blood Congress, Johannesburg, November 2009 (2 oral and 5 poster presentations).
- Janssen-Cilag Multiple Myeloma debates – Johannesburg, November 2009
- Haematology Oncology Consensus Group annual conference (founding member and member scientific committee) – Cape Town, South Africa, November 2010 (session chairman)
- South African Iron Chelation Expert panel (Chairman) – Johannesburg, May and October 2010
- South African Chronic Myeloid Leukaemia Expert Panel (Vice-chair) – Johannesburg, February and September 2010
- Tema Oncology Group Key Opinion Leader meeting – Zebula Lodge, August 2010
- Tema Oncology Group meeting – Durban (speaker), July 2010
- Expert panel for myelodysplastic syndromes (chairman and speaker) – Kapama Lodge, July 2010 (speaker)
- Chronic myeloid leukemia symposium – Johannesburg (speaker)
- Roundtable discussion on Velcade – Hobbit House, Bloemfontein, May 2010 (speaker)
- Chronic myeloid leukemia meeting – Protea Hotel, Bloemfontein, May 2010
- Transfusion Diploma contact sessions – February, May and September 2010
- Dabigatran launch – Oliewenhuis, Bloemfontein, May 2010
- 9<sup>th</sup> Stem Cell Transplantation Society congress – Johannesburg, January 2011 (session chair)
- 5<sup>th</sup> Haematology Oncology Consensus Group annual conference (founding member and member scientific committee) – Sandton, Johannesburg, South Africa, November 2011 (session chairman and speaker)
- 10<sup>th</sup> Stem Cell Transplantation Society congress – Cape Town, January 2012 (session chair)
- 5<sup>th</sup> South African Association of Health Educationalists Congress – Bloemfontein, June 2012 (poster presentation)
- CARE meeting Key Oncologics, Umhlanga, South Africa – September 2012 (Invited keynote speaker)
- Novartis Oncology symposium on Chronic Myeloid Leukaemia (CML) – September 2012 (invited speaker, chairman and part of expert panel)
- South African Lymphoma Study Group meeting Cape Town – October 2012 (invited speaker)
- Key Oncologics CARE Haematology Oncology Conference 2013, George (invited keynote speaker)
- Key Oncologics CARE Haematology Oncology Conference 2014, Cape Town (invited keynote speaker)
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### **Courses, workshops and seminars attended:**

- Workshop on Assessment, University of the Free State (speaker)
- Workshop on Cuban student matters with the National Department of Health, Pretoria – August 2012
- Workshop on Performance Management for heads of departments, University of the Free State – August 2012
- Prestige Scholars workshop on career derailers (Mrs. Jenny McNulty), University of the Free State – July 2012

- Time management workshop (Mr Igno Van Niekerk), University of the Free State – July 2013
- Mechanics vs dynamics. Reflecting on the role of the Academic Department Head (Presented by: Dr Cobus Pienaar, Prof Frans Cilliers) – June 2012
- Health Professions Education Prestige Seminar, University of the Free State – June 2012 (speaker)
- Prestige Scholars workshop on NRF rating, University of the Free State – June 2012
- Workshop on the use of the Ipad in the classroom, University of the Free State – April 2012
- Prestige Scholars workshop on Clinical Research (Prof. Martin Prozesky), University of the Free State – March 2012
- Good Clinical Practice (GCP) course, University of Stellenbosch – 2012
- Workshop on Whole Brain Problem Solving (Dr Gerhard Botha) – February 2012
- Workshop on the development of Multiple Choice Questions (Dr Scarpa Schoeman), University of the Free State – February 2012
- Workshop on the Psychology of Personality, University of the Free State – January 2012
- Promoting success in postgraduate supervision (course by Prof EM Bitzer) – Bloemfontein, September 2009
- Research meeting on cost-efficacy analysis of demethylating agents in the treatment of myelodysplastic syndromes, Pretoria, June 2008
- Complete the Short learning program: Assessment in Higher Education (SPALHE) at University of the Free State – Pass with distinction – June 2007
- Development of Professional Skills (HPE 707) at University of the Free State – completed with 85% overall mark – March 2007
- Good Clinical Practice certificate course (Parexel) – November 2006, May 2009
- Seminar on Programme and Module Development: outcomes criteria (Division Education Development, UFS) – November 2006
- Research leadership, University of the Free State, Bloemfontein, South Africa, November 2006
- Roche meeting on The use of Growth Factors in the management of neutropenic fever – Bloemfontein, South Africa, November 2006
- Health Summit, Free State Department of Health - Bloemfontein, South Africa, November 2006
- Writing for publication, University of the Free State, South Africa, November 2006
- Faculty Forum Faculty of Health Sciences, Free State University – Bloemfontein, South Africa, August 2006
- Seminar on Academic Leadership (Division Education Development, UFS) – May 2006
- Drug Dispensing course – completed and certificate received - December 2005
- Trends in Lymphoma Treatment – Bloemfontein, South Africa, November 2005
- Faculty Forum Faculty of Health Sciences, Free State University – Bloemfontein, South Africa, August 2005
- Evidence Based Practice and The Cochrane Collaboration Interactive one-day Workshop – Bloemfontein, South Africa, May 2005
- Research Methodology Course by the Dept. of Biostatistics, University of the Free State – 2004
- Internal Medicine Good Clinical Practice Course – November 2004
- Good Clinical Practice certificate course (Parexel) – November 2004
- Research methodology – Bloemfontein, South Africa, October 2004
- Orientation newly appointed personnel – Bloemfontein, South Africa, July 2004
- Assessing clinical skills – Bloemfontein, South Africa, May 2004

### Session chairman at conferences (last 5 years):

- 1<sup>st</sup> Meeting of the Haematology Oncology Consensus Group – Mount Grace, Magaliesberg, January 2007
- 5<sup>th</sup> South African Haematopoietic Stem Cell Transplantation Symposium – Cape Town, South Africa, March 2007
- 2<sup>nd</sup> Meeting of the Haematology Oncology Consensus Group – Cape Town, March 2008
- 48<sup>th</sup> Annual Congress of the Federation of the South African Societies of Pathology – Cape Town, July 2008
- 7<sup>th</sup> South African Haematopoietic Stem Cell Transplantation Symposium – Johannesburg, South Africa, February 2009
- Expert panel for myelodysplastic syndromes (chairman and speaker) – Franschoek, April 2009
- South African Chronic Myeloid Leukaemia Expert Panel (Vice-chair) – Johannesburg, August 2009
- 9<sup>th</sup> Stem Cell Transplantation Society congress – Johannesburg, January 2011 (session chair)
- 5<sup>th</sup> Haematology Oncology Consensus Group annual conference
- 10<sup>th</sup> Stem Cell Transplantation Society congress – Cape Town, February 2012 (session chair)
- Asia-Pacific-Middle East and Africa Iron Summit, Hong Kong, October 2012 (chair two sessions)
- Myelodysplastic Syndromes Tour, Johannesburg, June 2013 (Chair of the whole meeting)
- EGM Iron Summit, Delhi, India (Scientific Committee Chairman, Chairman Plenary session on “Advances in iron science and transfusion medicine” and Moderator different sessions)

### Community Service and Engagement

#### Vernon Louw MedEd

Vernon Louw MedEd is a personal initiative, whereby I produce YouTube teaching videos in the form of screencasts. The aim is to teach the basic concepts of haematology in an electronic blackboard format. This allows students to watch these in their own time, while class-time can be used for interactive case discussion and problem-solving activities. Connecting this with social networking (at this stage Facebook, Twitter and Tumblr), allows for continuous interaction between lecturer and students. The long-term vision is to create an online training platform that encompasses clinical exercises with screencasting videos and gaming mechanics, which would encourage mastery of study material and self-paced learning. These websites would then be turned into mobile applications for tablets and mobile phones, thus addressing the variety of ways in which the modern students learn. For examples of completed videos, visit my YouTube channel: Vernon Louw MedEd or my Vernon Louw MedEd Facebook page. The Twitter handle is @vernonlouwmeded

#### Myeloma Iphone app development

I was invited to be involved with the development of mmApp, a Multiple Myeloma application for use on a smartphone or tablet, aimed at Clinical Haematologists and Oncologists in collaboration with a team of Swiss colleagues, Werner Linkisch, Prof. Johannes Drach, Prof. Eberhard Gunsilius, Dr



Wolfgang Willenbacher, Prof. Mario Bargetzi, Dr Urs Hess, Dr Erika Lerch and Dr Christian Taverna. This was done with financial support of Janssen-Cilag Pharma GmbH. The app will be exclusively available for authorized medical professionals in South Africa and is an exciting milestone in our programme of enhancing our digital learning and practice platforms. My responsibility was to change and adapt the app for the South African environment.

#### **SHaRE Initiative (Sub-Sahara Africa Regional Expertise):**

I formally initiated and direct the SHaRE initiative as a project focused on capacity building, skills development and networking in Clinical Haematology and Transfusion Medicine in sub-Saharan Africa. Our vision is that every sub-Saharan African country will have at least one Clinical Haematologist and/or one medical doctor trained in Transfusion Medicine by 2030. Expertise in the field of Clinical Haematology and Transfusion Medicine is greatly lacking in Africa, especially in the Sub-Saharan Africa region. Although medical schools abound, specialist training and services are only available in a select number of centers in a limited number of countries. Thus far, we have trained or are in the process of training three additional Clinical Haematologists within the context of this initiative (one from Malawi, one from Zimbabwe and two from South Africa). We have trained 29 medical doctors from sub-Saharan African countries outside South Africa in a two-year transfusion medicine course (Five from the DRC, three from Malawi, two from Namibia and two from Nigeria, 17 from South Africa) and have done an outreach visit to teach at the University of Botswana. This initiative is going from strength to strength. Our Division has also won a Discovery Award for training of Clinical Haematologists and received funding from the International Society for Blood Transfusion for the development and implementation of our Transfusion Medicine training programs.

#### **Semonkong Hospital Project:**

The Semonkong Hospital Project in the Kingdom of Lesotho is a health, educational, social and economic empowerment program, directed by Dr Michael-Robert Waldeck, but jointly run by the International Missions Hospital Trust (IMHT) and the Semonkong Hospital Trust. The project is run in close collaboration with the Lesotho Ministry of Health and Social Welfare (MOHSW) and has at its aim the building of a 120-bed hospital in a very rural part of Lesotho where medical services are almost non-existent. Students from different universities are involved in different related projects, including medical and dentistry, social development, agriculture, engineering, educational and veterinary sciences. I have served as one of three members of the Advisory Board to the Boards of the Trusts. I have also been directly involved with the planning of the project, the hospital design and has joined the students and doctors on their outreaches on numerous occasions.

#### **Artists Against Cancer:**

I started the Artists Against Cancer initiative in 2004, with the aim of alleviating the suffering of leukaemia patients who have been admitted for in-patient care for protracted periods of time. Patients with leukemia and other cancers that require long-term isolation and in-hospital management are in danger of becoming depressed and losing hope while going through intensive chemotherapy while at the same time trying to cope with the emotions of dealing with a life-threatening disease. This often leads to depression and hopelessness and patients wanting to give up. Secondly, many of our poorer patients' families do not have the financial means to visit them in hospital which just worsens this cycle of despair. The aim was to get artists involved in alleviating the isolation and suffering of cancer patients, by showing their support in a creative and inspiring way through the medium of art, whether it be in painting, drawing, sculpturing, poetry, music, drama, flower-arranging or photography. Since then, many musicians, artists, photographers, schools, singers, and even local art societies have become involved, and have had a fantastic impact on patient lives. At the same time, we have been able to transform our wards into beautiful environments filled with inspiration and pictures of hope.

#### **Haematology Research Trust**



I am an appointed trustee of the Haematology Research Trust that serves the purpose of supporting research into haematological malignancies and stem cell transplantation. It also supports the organization and funding of the biannual South African Lymphoma Study Group Congress, as well as other conferences, such as the European Haematological Association (EHA) and European School of Hematology (ESH) joint meeting in Cape Town on HIV-related haematology in 2013.

#### **Social Entrepreneurship:**

Since 2004, the Division of Clinical Haematology has been actively involved in clinical trials with novel agents, mainly for haematological malignancies and patients who have limited or no other options. All the funding generated from this have been invested back into our department for the use of clinical research, support of the SHaRE project, bursaries to students, support of staff to attend and present research at congresses, for the upgrading of infrastructure (painting wards, laying new floors in hospital wards), acquiring new equipment (EKG machines, monitors, computers, printers, blood pressure and other clinical measurement instrumentations, blood warmers, etc.). This has allowed the unit to function on a very high level despite the resource constrained environment that we are situated in.

#### **Oranje Meisieskool (OMS), Bloemfontein (Oranje Girls Secondary School)**

I serve on the School Board of Oranje Girls Secondary School and is responsible for the Academic portfolio. Oranje has always been one of the top secondary girls' schools in the country and it was a great honour to be asked to join the Board at the beginning of 2012.

### **Education of the public (related to Haematology)**

#### **Recent (last three years):**

#### **I appeared on the following television shows:**

- MMTV (Matters Medical Television) – stem cell transplantation

#### **I have done talks on shows at the following radio stations:**

- SAfm (Leukaemia)
- Radio Talk 702 (Leukaemia)
- Classic FM (Leukaemia)
- Lotus FM (Leukaemia)
- MedFM (Leukaemia)
- Classic FM (Leukaemia)
- RSG (Wat sê die dokter? – Leukaemia)
- Radio Rosestad (Stem cell transplantation)

#### **I have been interviewed for and/or assisted with articles in the following newspapers/online papers:**

- Daily News (Leukaemia)
- Citizen (Leukaemia)
- Cape Argus (Leukaemia)
- Cape Times (Leukaemia)
- Free State Express (Leukaemia)

- Independent on Saturday (Leukaemia)
- Health24.com (Leukaemia)
- Beeld (Leukaemia)
- Bizcommunity.com (Leukaemia)
- Health-e.org (Leukaemia)
- Medical Chronical (Leukaemia)

## Trusts

- Louw Family Trust (Chairman)
- Avolonte Gold Trust (Trustee)
- Haematology Research Trust (Trustee)
- Semonkong Hospital Trust (Advisor to trustees)

## Other interests

<b>Poetry:</b>	Write poetry in English and Afrikaans. Published in <i>Annals of Internal Medicine</i> , "Woordspore", on "Litnet", "Meeting of the Minds Journal", etc.
<b>Philately:</b>	I have a special interest in Postal History, in particular the Interprovincial period of South Africa between 1910 and 1913 and the Orange Free State. I also have country-specific collections, including South Africa, South West Africa, Cape of Good Hope, Germany and Switzerland.
<b>Leadership development:</b>	Guest-speaker at many conferences, including Bloemfontein, East London, Worcester, Secunda, Somerset-West, Stellenbosch, Kuilsriver, Bellville, Cape Town on more than 150 occasions Chairman or vice-chairman of a number of university organizations and/or campus committees
<b>Hobbies:</b>	Reading, Philately, Art and medicine
<b>Music:</b>	Song-writing Playing guitar Member of Tygerberg Mass Choir 1993 Member of Tygerberg Men's Serenade Group His People Music School
<b>Sport:</b>	Water-skiing Walking Strand First Chess Team School Tennis and Athletics Teams