## ISSN 003-8-2469



This supplement has been peer reviewed and is an official supplement to



## S Afr J Clin Nutr 2010;23(1): S1-S76

## **Guest editors**

Janicke Visser BSc (Diet), M (Nutr) Senior Lecturer and Postgraduate Programme Coordinator Division: Human Nutrition Faculty of Health Sciences Stellenbosch University, South Africa

> Berna Harmse MSc (Diet) Private Practitioner Panorama Medi-Clinic Cape Town, South Africa

Renée Blaauw PhD (Nutr) Associate Professor and Deputy Head; Academic Division of Human Nutrition Faculty of Health Sciences Stellenbosch University, South Africa

Demetre Labadarios MBChB, PhD, FACN Executive Director Knowledge Systems: Nutrition Human Sciences Research Council Cape Town, South Africa

Correspondence to: Prof Demetre Labadarios, editor@sajcn.co.za

	NDEX					
SA	SASPEN Congress 2010: Academic programme S2					
In	Invited communications					
	Intestinal failure in childhood. Goulet O	<b>S</b> 3				
•	Lipid emulsions in parenteral nutrition: does one size fit all? Laviano A, Rossi Fanelli F	<b>S8</b>				
•	Optimal composition of intravenous lipids. Kreymann G	<b>S11</b>				
•	Diarrhoea and malnutrition. Nel ED	<b>S15</b>				
٠	Nutrition in children posttransplantation. Goddard EA	<b>S19</b>				
•	Management of severe malnutrition. Schübl C	<b>S22</b>				
•	The do's and don'ts of arginine supplementation. Chetty $S$	<b>S25</b>				
•	New developments in clinical practice guidelines. Kreymann G	<b>S29</b>				
•	Nutrition in paediatric Crohn's disease. Goulet O	<b>S</b> 33				
•	Nutritional implications of food allergies. Steinman H	<b>S</b> 37				
•	Causes and management of diarrhoea in children in a clinical setting. <i>Cooke ML</i>	<b>S42</b>				
•	The metabolic syndrome – What is the value of its identification? <i>Till A</i>	<b>S47</b>				
•	Glucose: the worst of all evils? Prins A	<b>S50</b>				
•	The use of specialised enteral formulae for patients with diabetes mellitus. <i>Blaauw R</i>	<b>S55</b>				
•	Micronutrients: Do small things matter? Visser J	<b>S58</b>				
•	Nutritional management of gastrointestinal malignancies. <i>Smalberger R</i>	<b>S62</b>				
•	The gastrointestinal tract and HIV pathogenesis. Downs JH	<b>S65</b>				
•	The ethical approach to evidence-based medicine. Kruger M	<b>S69</b>				
Short communications						
•	Agreement between NRS-2002 and MUST nutrition risk scores – a retrospective study. <i>Dannhauser A, Nel M</i>	<b>S71</b>				
•	Agreement between estimated and measured heights and weights in hospitalised patients – a restrospective study. <i>Van den Berg L,</i> <i>Dannhauser A, Nel M</i>	<b>S7</b> 3				
A	Abstracts					
	The relationship between serum protein and mortality in adults on long- term haemodialysis. A meta-analysis. <i>Herselman M, Esau N, Kruger J-M,</i> <i>Labadarios D, Moosa MR</i>	<b>S75</b>				
•	Relationship between nutritional status and mortality in adults on maintenance haemodialysis. A meta-analysis. <i>Herselman M, Esau N, Kruger J-M, Labadarios D, Moosa MR</i>	S75				
•	Nutrition management of common opportunistic infections (HIV-context). <i>Mutemi E</i>	<b>S76</b>				
	aimer: Opinions and statements in articles of whatever nature are published under the autho itting author, and the inclusion or exclusion of any food, nutritional product, medicine or prod					

submitting author, and the inclusion or exclusion of any food, nutritional product, medicine or procedure do not necessarily reflect the views of the Editor, SASPEN, ADSA and NSSA or Medpharm Publications. While every effort is made to ensure accurate reproduction, the authors, advisors, publishers and their employees or agents shall not be responsible, or be in any way liable for errors, omissions or inaccuracies in the publication, whether arising from negligence or otherwise or for any consequences arising therefrom. The publication of advertisements in this journal does not imply an endorsement by the publishers or its editorial board and does not guarantee any claims, referenced or not, made for products by their manufacturers.

D

## CLINICAL NUTRITION CHALLENGES – EVIDENCE VS PRACTICE SASPEN CONGRESS 2010 ACADEMIC PROGRAMME:

TIME	WEDNESDAY : 3 MARCH 2010	THURSDAY : 4 MARCH 2010	FRIDAY : 5 MARCH 2010	
07:30	Registration			
08:15	Opening and Welcome – Prof D Labadarios			
08:30 – 09:00	Plenary 1 Chairpersons: D Labadarios, K Mokoena Intestinal failure in childhood Prof O Goulet	Plenary 3 Chairpersons: M Pentz-Kluyts, N Bowley Malnutrition – What is it? Prof D Labadarios	Plenary 5   Chairpersons: R Blaauw, A Prinsloo   Micronutrients: Do small things matter?   Mrs J Visser	
09:00 – 10:30	Symposium 1   (Sponsored by Adcock Ingram)   Chairpersons: D Labadarios, K Mokoena   TPN Lipids: Uses and Limitations   1. Lipid emulsions in parenteral nutrition: does one size fit all? Prof A Laviano   2. Optimal composition of intravenous lipids Prof G Kreymann	Symposium 4(Sponsored by NNIA)Chairpersons: M Pentz-Kluyts, N BowleyThe Gut in Paediatrics – Silent but Powerful1. Nutrition in paediatric Crohn's disease Prof 0 Goulet332. Nutritional implications of food allergies Dr H Steinman373. Causes and management of diarrhoea in children in a clinical setting Dr ML Cooke42	Group Work and Case Studies discussions - AdultsGroup Work and Case Studies discussions - PaediatricsFacilitator: Prof R BlaauwFacilitator: Mrs A Prinsloo Expert opinion: Prof P DechelotteProf P DechelotteProf O Goulet	
10:30 – 11:00	TEA	TEA	TEA	
11:00 – 12:30	Symposium 2 (Sponsored by NNIA) Chairpersons: J Downs, T van der Spuy Paediatrics 1. Diarrhoea and malnutrition Dr ED Nel 15 2. Nutrition in children post- transplantation Dr EA Goddard 19 3. Management of severe malnutrition Ms C Schübl 22	Oral presentationsChairpersons: M Herselman, D Mthuli11:00 – 11:15 Agreement between NRS-2002 andMUST nutrition risk scores – a retrospective studyA Dannhauser, M Nel71• 11:15 – 11:30 Agreement between estimatedand measured heights and weights in hospitalisedpatients – a retrospective studyL van den Berg, A Dannhauser, M Nel73• 11:30 – 11:45 The relationship between serumprotein and mortality in adults on long-termhaemodialysis. A Meta-AnalysisM Herselman, N Esau, JM Kruger, D Labadarios,MR Moosa75• 11:45 – 12:00 Nutritional management ofcommon opportunistic infectionsE Mutemi• 12:00 – 12:30 SASPEN BGM	Symposium 6   Chairpersons: D Labadarios, B Harmse   The Gut in Adults – Silent but Powerful   1. Nutritional management of gastrointestinal malignancies   Mrs R Smalberger 62   2. The gastrointestinal tract and HIV pathogenesis   Ms J Downs 65   3. Gut atrophy: in need of clinical perspective? Prof D Labadarios	
12:30 – 13:30	LUNCH	LUNCH	Plenary 6 Chairpersons: D Labadarios, B Harmse The ethical approach to evidence-based medicine. Prof M Kruger	
13:30 – 15:00	Symposium 3(Sponsored by Fresenius Kabi)Chairpersons: R Blaauw, D McDonaldConditionally Essential Nutrients1.Pharmaconutritional modulation of intestinal protein metabolism Prof P Dechelotte2.The do's and don'ts of arginine supplementation Dr S Chetty3.Immunonutrition in ARDS Dr I Joubert	Symposium 5(Sponsored by Abbott Nutritionals)Chairpersons: J Visser, C MacDougallThe worst of all evils? Glucose1. The metabolic syndrome – What is the value of its identification? Mrs A Till472. Glucose: the worst of all evils? Ms A Prins3. The use of specialised enteral formulae for patients with diabetes mellitus Prof R Blaauw50	CLOSING – Prof D Labadarios	
15:00 – 15:30	TEA	TEA		
15:30 – 16:00	Plenary 2Chairpersons: A Prins, L van den BergNew developments in clinical practiceguidelinesProf G Kreymann29	Plenary 4 Chairpersons: A Dannhauser, G Landau Immunonutrition: Where, when and why? Prof P Dechelotte		