

Anaesthesia Research Day Academic Programme		
10 October 2014		
Introduction	Prof JL Swanevelder	10h45
Preconditioning - ongoing animal and clinical work	Dr N Hadebe	11h00
Encapsulated liver cell spheroids in a bioartificial liver: ischaemic acute liver failure in pigs	Dr M Miller	11h25
Evaluation of supraglottic devices using an active vomiting and passive regurgitation model	Dr R Hofmeyr	11h50
Effects of MgSO ₄ post reversal of muscle relaxation by sugammadex or neostigmine	Mr M van den Berg	12h05
Anaesthesia for mitral valve replacement in sheep	Dr K Bergh	12h30
Performance of i-STAT cartridges after simulated extreme environment exposure	Dr L du Toit	12h45
Lunch break		13h00
Skills development in point of care clinical ultrasound for medical students	Dr E Cloete	13h30
Airway problems associated with surgery for goitre: a retrospective survey	Dr T Golding	13h45
Paediatric cardiac surgery in patients with sickle cell anaemia	Dr J Janse-van Rensburg	14h00
The use of FATE in the anaesthesia preoperative clinic (APOC): a pilot study	Dr M Nejthardt	14h15
Three dimensional images in echocardiography - new developments	Prof JL Swanevelder	14h30
Haemodynamics using transthoracic echocardiography in untreated preeclampsia	Dr M Gibbs	14h45
Tea break		15h00
Preeclampsia and pulmonary oedema - echocardiographic findings	Prof RA Dyer	15h15
Echocardiographic findings in term pregnant HIV positive women	Dr M Gibbs	15h30
Coagulation in term pregnant HIV positive women	Dr S Mayeza	15h45
Vasopressor use during spinal anaesthesia for caesarean section in severe preeclampsia	Dr A Daniels	16h00
Evaluation of metabolic acid base abnormalities in preeclampsia: the strong ion difference	Dr B Combrink	16h15
My case is better than yours	Drs R Hofmeyr/N Hauser	16h30
Drinks Break		16h45
Introduction to Gaisford Harrison Memorial Lecture	Prof RA Dyer	17h05
<i>Professor SJ Saunders: "Service, Teaching and Research in the Clinical Disciplines"</i>		17h15
Cocktail party and presentation of registrar academic prizes		18h00