

Joint Division of Emergency Medicine

 Universities of Cape Town & Stellenbosch, South Africa

Registrar teaching rota: 2009

(20/01/2009 changes in **yellow**)

Date + Venue	Topic	EMS Month Theme
07 January 2009 TBH	Neonatology & Paediatrics	Neonates
28 January 2009 GSH	Head and Neck (as 2008 plan)	
18 February 2009 TBH	Radiology + Environmental	Environmental
11 March 2009 GSH	Cardiology/ECG	Medical 1 (Cardiology)
01 April 2009 ?GF Jooste	08h00- 11h00 lectures Resus update 11h00→ bedside teaching + pracs	Resuscitation
22 April 2009 GSH	Full day SIMS/ Pracs (Preparation for MMed 7-8 May)	
13 May 2009 TBH	Trauma	Trauma 1 (Ballistics, Mechanism of Injury)
03 June 2009 GSH	Nervous System	Medical 2 (CNS, Endocrine)
24 June 2009 TBH	½ Day Endocrine ½ Day Dept Meeting	
15 July 2009 GSH	Emergency Psychiatry/	Patient transfers + assessments
05 August 2009 TBH	Infectious Diseases	Medical 3 (Resp, ID, other)
26 August 2009 GSH	Respiratory	
16 September 2009 TBH	Full day SIMS/ Pracs (Preparation for MMed 8-9 October) Focus on Paeds	Paediatrics
07 October 2009 GSH	Obstetrics and Gynae	Maternity
28 October 2009 ?RXH	08h00- 11h00 lectures 11h00→ bedside teaching + pracs	
18 November 2009 GSH	Trauma	Trauma 2 (Airway, thorax, cardiac, abdo, extremity)
09 December 2009 GSH	½ Day meeting ½ Day Social	Ethics, law management

TEACHING DAY: 07 January 2009

Teaching Theme: Neonatology/ Paediatrics

Consultant: A. Kropman

Junior Registrar Lecture

R. Kalebka

Gastroenteritis in children

Basic sciences: Pathophysiology of electrolyte disturbances and correction of dehydration/ electrolyte problems

Senior Registrar

K. Moodley

Seizures in childhood: how far to investigate and management

Or

Respiratory emergencies in children: admit/ observe/ discharge?

Practical 1 (Demonstration) – LG

I. d'Andrea

Poison ingestion. Commonly ingested substances and how to manage. Notification of poison ingestion. Resources available to obtain advice on management.

Practical 2 (ED material) – SG

S. Fish

Rashes in children: common presentations.

Consultant / Guest

At consultant's discretion

Management

A. Crede

Intoxicated children: where does our responsibility lie? Who do we report to? What resources are available?

Practical 3 (Case pres. or audit feedback)

J. Malan

Practical 4 (Simulation) – SG

N. van Hoving

The unconscious child

Journal Club

A. Hattingh

Article should be relevant to paediatric/ neonatal emergencies

TEACHING DAY: 28 January 2009

Teaching Theme: Head and Neck

Consultant: H. Geduld

Junior Registrar Lecture A. Oosthuizen

Sudden blindness and/or the acutely painful eye

Basic science: Visual and ocular reflex pathways

Senior Registrar D. Fredericks

Deep space infections of the neck and floor of mouth

Practical 1 (Demonstration) – LG A. Parker

Spinal immobilisation and extrication: Techniques and products

Practical 2 (ED material) – SG N. Ndebele

Nerve blocks of the face and/or suturing techniques for difficult facial lacerations

Consultant / Guest

At consultant's discretion

Management C. King

Patients attending a busy ED with 'inappropriate' or minor complaints: How do I manage the individual contact? How can I set up my ED to deal with this issue safely.

Practical 3 (Case presentation) – LG T. van Jaarsveld

Head and neck case

Practical 4 (Simulation) – SG S. Fish

Management and resuscitation of the patient with the threatened/difficult airway. Should include the use of advanced airway techniques and equipment

Journal Club T. Radzilani

Article should be relevant to head and neck

TEACHING DAY: 18 February 2009

Teaching Theme: Radiology and Environmental
Consultant: S. Garach

Junior Registrar Lecture A. Hattingh
Common environmental toxins including pathophysiology, management and notification.

Senior Registrar J. Slabbert
ED preparation for mass contamination (in view of running practical exercise in afternoon)

Practical 1 (Demonstration) – LG S. Pillay
CT scan interpretation – particular emphasis on CT brains, but include CT abdomen, chest etc.

Practical 2 (ED material) – SG D. Maritz
Review of indications for imaging: Trauma/ medical/ Iodiox/ new GSH C-spine rules and review ankle, c-spine and knee rules.

Consultant / Guest
At consultant's discretion

Management A. Sieberhagen
Practical exercise in ED on mass contamination incident. How to rearrange/ set-up department and structure flow of patients through the department.

Practical 3 (Case pres. or audit feedback) P. Cloete

Practical 4 (Simulation) – SG K. Moodley
May need to forfeit if management section anticipated to take too long.

Journal Club T. van Jaarsveld
Article should be relevant to radiology or environmental emergencies

TEACHING DAY: 11 March 2009

Teaching Theme: Cardiology

Consultant: P. Louw

Junior Registrar Lecture L. Muller
Hypertensive emergencies
Basic science: Pharmacology of IV BP lowering drugs

Senior Registrar R. Maharaj
ACS: Diagnosis and treatment update

Practical 1 (Extra lecture) H. Lategan
Arrhythmias: Diagnosis and treatment update

Practical 2 (Ethics or M&M) L. Hodsdon
Cardiology case presentation

Consultant / Guest

Management S. Pillay
Chest pain:
Principals of triage in a busy ED
Approach to diagnosis of dangerous causes of chestpain

Practical 3 (Demonstration) – small groups M. Kalla
ECG and CXR case stations

Practical 4 (Simulation) – SG A Parker
Resuscitation and peri-arrest management of cardiac patients

Journal Club J. Rajbaran

PRACTICAL DAY: 1 April 2009

Teaching Theme: Resuscitation update

Consultants: N. Mehl / G. Dalbock

Junior Registrar Lecture

Adult resuscitation review and update

B. Wachira

Senior Registrar Lecture

Pediatric resuscitation review and update

A. Parker

Patient Presentation (Grand Round)

Consultant:

N. Mehl

Registrar 1:

A. Oosthuizen

Registrar 2:

L. Hodsdon

Registrar 3:

J. Malan

Registrar 4:

K. Moodley

Practical 1 (Equipment and skills demonstration)

Advanced airway adjuncts and products

A. Oosthuizen

Practical 2 (Equipment and skills demonstration)

Vascular access procedures and products

M. Kalla

Practical 3 (Equipment and skills demonstration)

Procedures (peri-arrest and resuscitation)

ie: emergency thoracotomy, splinting, wound debridement etc

C. Morrison

Practical 4 (Resuscitation sim: 'mega-codes')

Peri-arrest management and resuscitation of unusual patients

ie: pregnant, post cardiac transplant, envenomations etc

J. Slabbert

TEACHING DAY: 13 May 2009

Teaching Theme: Trauma

Consultant: N. van Hoving

Junior Registrar Lecture

J. King

Traumatic spinal cord injuries

Basic sciences: Spinal cord anatomy and pathophysiology of different injury patterns

Senior Registrar

A. Sieberhagen

Traumatic rhabdomyolysis: causes, pathophysiology and management strategies

Practical 1 (Demonstration) – LG

S. Maharaj

Compartment syndrome: commonly missed areas and how to assess these (eg hands/ feet).

Measurement techniques of intracompartmental pressures.

Practical 2 (ED material) – SG

D. Fredericks

Commonly missed injuries on x-rays: should try and get x-ray material for demonstration

Consultant / Guest

At consultant's discretion

Management

S. Fish

Gang violence in the ED. How do we manage violence within the department involving multiple patients?

Practical 3 (Case pres or audit feedback)

A. Cede

Practical 4 (Simulation) – SG

J. Malan

Journal Club

S. Laahri

Article should be relevant to trauma

TEACHING DAY: 3 June 2009

Teaching Theme: Nervous System

Consultant: J. De Jager

Junior Registrar Lecture

N. Ndebele

Status Epilepticus

Basic sciences: Pharmacology of the agents used to manage status epilepticus

Senior Registrar

S. Lahri

Acute weakness or loss of sensation not due to stroke: approach to evaluation and diagnosis

Practical 1 (Demonstration) – LG

I. d'Andrea

The head CT: how to read and interpret it correctly (see accessemergencymedicine.com)

Practical 2 (Ethics or M&M) – SG

C. King

Discuss/debate ethical issues or M&M cases that may arise from nervous system emergencies (ie: end of life decisions, misdiagnosing rare conditions etc)

Consultant / Guest

At consultant's discretion

Suggestions:

1. Seizures in children
2. Non-traumatic spinal cord syndromes

Management

M. Kalla

"Brain death" – the nitty gritty on how to diagnose/declare it, how to document it and what to do then. Include some information on how to deal with the family of the patient, and pertinent aspects of the law.

Practical 3 (Case presentation) – LG

K. Vallabh

Nervous system case

Practical 4 (Simulation) – SG

L. Muller

Acute loss of consciousness in the patient with normal or near-normal cardiorespiratory function

Journal Club

A. Oosthuizen

Article should be relevant to the nervous system

TEACHING DAY: 24 June 2009

Teaching Theme: Endocrine Emergencies ½ Day. ½ Day Dept Meeting
Consultant: J. Flemming

Junior Registrar Lecture

K. Vallabh

Thyroid emergencies: Focus on thyroid hormone physiology and management of hyperthyroidism and hypothyroidism.

Senior Registrar

D. Maritz

Adrenal emergencies including management of hypo/hypernatraemia

Junior Registrar Lecture

R. Radzilani

Calcium, magnesium, phosphate: common problems in the ED. Include therapeutic use of calcium and magnesium in the ED.

Senior Registrar Lecture

P. Cloete

Hyper and hypothermia: metabolic and endocrine causes and complications.

TEACHING DAY: 15 July 2009

Teaching Theme: Psychiatry
Consultant: K. Kohen

Junior Registrar Lecture S. Maharaj
The violent patient
Basic sciences: pharmacology of drugs used in this setting

Senior Registrar H. Lategan
Delirium and 'confusion':
Approach to making the diagnosis and safe initial management

Practical 1 (Extra lecture) L. Hodsdon
Managing drug withdrawal syndromes
Specific focus on alcohol withdrawal

Practical 2 (Demonstration) J. Malan
Self defense and physical restraint techniques

Consultant / Guest

Management R. Maharaj
The mental healthcare act
Incl. detailed discussion and instructions on all the forms

Practical 3 (Demonstration) – small groups B. Wachira
Case studies and practise stations for MHC patients and forms

Practical 4 (Simulation) – SG J. King
Resuscitation and peri-arrest management of selected drug OD's

Journal Club M Koekemoer

TEACHING DAY: 5 August 2009

Teaching Theme: Infectious diseases

Consultant: A. Nitschze

Junior Registrar Lecture M. Koekemoer

Rational antibiotic prescribing in the ED

Senior Registrar A. Sieberhagen

Malaria: Clinical overview including management of severe malaria

Practical 1 (Demonstration) S. Maharaj

Infectious diseases picture slides (including clinical signs, imaging etc)

Practical 2 (Extra lecture) K. Moodley

Approach to the febrile traveller

Consultant / Guest

Management C. Morrison

Infection prevention and control in the ED

Include discussion on post exposure prophylaxis

Practical 3 (Table tops) – Small Groups N. Ndebele

ID disaster scenarios (i.e. in-hospital management of suspected viral hemorrhagic; community outbreak of an infectious disease like cholera)

Practical 4 (Simulation) – SG A Parker

Resuscitation and peri-arrest management of patients with infectious dis.

Journal Club A. Crede

TEACHING DAY: 26 August 2009

Teaching Theme: Respiratory Emergencies

Consultant: H. Geduld

Junior Registrar Lecture

J. Rajbaran

Type 1 vs Type 2 Respiratory Failure: Review pulmonary physiology relevant to the topic and discuss pathophysiology of common causes.

Senior Registrar

S. Lahri

Acute Lung Injury and ARDS: Diagnosis, severity assessment and management.

Or

Inhalational injuries: chemical/ fire/ water: Assessment and management

Practical 1 (Demonstration) – LG

D. Fredericks

Basic ventilation: different ventilators and how to set up. Include Bi-PAP/ CPAP settings. Include paediatric ventilation and what to do differently

Practical 2 (ED material) – SG

A. Hatting

Atypical pneumonias (non Pneumococcal/ Haemophilus): Radiological appearance and diagnosis.

Consultant / Guest

At consultant's discretion

Management

A. Parker

MDR/ XDR Tuberculosis in our ED's. Balancing our safety vs the care of the patient. What are the alternatives?

Practical 3 (Case pres or audit feedback)

I. d'Andrea

Practical 4 (Simulation) – SG

S. Fish

Journal Club

C. King

Article should be relevant to respiratory problems

PRACTICAL DAY: 28 October 2009

Teaching Theme: Paediatric Trauma & Orthopaedics

Consultant: S. Garach / L. Wallis

Junior Registrar Lecture

H. Lategan

Update on burns management in children

Senior Registrar Lecture

L. Hodsdon

Abdominal trauma in children: conservative vs surgical management. Include grading of different organ injuries and imaging options.

(Paediatric head injuries: common complications)

Consultant/ Guest Lecture

Paediatric Orthopaedic Emergencies

Patient Presentation (Grand Round)

Consultant:

Registrar 1:

A. Hatting

Registrar 2:

A. Crede

Registrar 3:

R. Maharaj

Registrar 4:

H. Lategan

Practical 1 (Equipment and skills demonstration)

J King

Airway problems in children

Practical 2 (Equipment and skills demonstration)

M. Koekemoer

Plaster of Paris in children. Correct application of POP for common fractures.

Practical 3 (Equipment and skills demonstration)

R. Maharaj

Splint application: Gallow's, Thomas splints and traction etc

Practical 4 (Resuscitation simulation)

A. Sieberhagen

Blunt and penetrating chest trauma in children

TEACHING DAY: 18 November 2009

Teaching Theme: Trauma

Consultant: P. Louw

Junior Registrar Lecture

B. Waschira

Traumatic head injuries

Basic sciences: Mechanisms of injury and physiology of ICP regulation

Discussion of predictors of poor outcome and possible development of complications

Senior Registrar

D. Fredericks

Peripheral nerve injuries: common injury patterns, predictors of outcome and management strategies

Practical 1 (Demonstration) – LG

A. Parker

Massive haemorrhage: What treatment is available? The role of new haemostatic agents in the prehospital setting? What can we learn from the combat setting?

Practical 2 (ED material) – SG

S. Lahri

Prehospital injury information: How useful are they to predicting injuries and what can they predict?

Consultant / Guest

May be useful to get an update on Emergency services requirements for FIFA 2010. What is our role and how can we prepare?

Management

J. Slabbert

Medicolegal aspects of trauma management. Correct completion of J88 forms, what to do with bullets, wound descriptions, collecting blood samples etc

Practical 3 (Case pres or audit feedback)

M. Kalla

Practical 4 (Simulation) – SG

S. Pillay

Journal Club

C. Morrison

Article should be relevant to trauma