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Bwrdd Iechyd Prifysgol
Caerdydd a'r Fro
Cardiff and Vale
University Health Board

DEPARTMENT OF MEDICAL EDUCATION BULLETIN July 2019



University Hospital of Wales (UHW)

Cardiff and Vale University Local Health Board was established in October 2009, and is the largest Health Board in Wales.

The UHB has two Medical and Dental Education Centres, based across two sites, University Hospital of Wales (UHW) and University Hospital Llandough (UHL). Both centres provide the infrastructure and staff to facilitate the Education, Training and Continuing Development of Postgraduate Professionals in Hospital Medicine, General

Practice and Dentistry. They ensure the medical students receive a high standard of clinical placement and offer support to the clinicians delivering teaching. This involves working very closely with Cardiff University, School of Medicine and HEIW (formerly the Wales Deanery).

Each centre is managed by a dedicated team who ensure a high standard of Medical Education is provided across the UHB.



University Hospital Llandough (UHL)

The Medical Education Department

The Medical Education Department is spread over two sites at University Hospital of Wales and University Hospital Llandough. Both sites have their own Clinical Skills areas aimed at the teaching of Undergraduates and training of Postgraduates.

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Faculty



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Director, Medical
Education**



Dr Frauke Pelz
SAS Tutor



Dr John Dunne
**Foundation
Programme
Director /Clinical
Skills Lead**



Dr Karl Davis
**Foundation
Programme
Director**



Dr Tayyeb Tahir
Faculty Lead



Miss Alexandra Rees
Faculty Lead



Dr Martin Edwards
Faculty Lead



Dr Munawar
Al-Mudhaffar
Faculty Lead

If you should require an appointment with any of the Faculty Leads, please contact the Medical Education Department, 2nd Floor, Cochrane Building, UHW. Tel: 02921 846222

For an appointment with the Foundation Directors, please contact Sharon Goodwin, Foundation Administrator, Medical Education. Tel: 02921 846231

The Library Page

Clinical Key

New e-Book Titles to read on Clinical Key:

Anderson's Pediatric Cardiology (Wernovsky, Gil) 4th ed

Core Knowledge in Orthopaedics: Foot and Ankle (Greisberg, Justin) 2nd ed

Core Procedures in Plastic Surgery (Neligan, Peter) 2nd ed

Ferri's Clinical Advisor 2020 (Ferri, Fred) 1st ed

Ocular Pathology (Yanoff, Myron) 8th ed

UpToDate : What's New

Each bi-weekly issue of Current UpDate highlights three of the recent, important additions to "What's New" and "Practice Changing UpDates" topics. Here are the most recent What's New:

Fentanyl contamination of methamphetamine and cocaine

Fentanyl, a highly potent synthetic opioid, can cause death via respiratory depression, particularly in opioid-naïve individuals who have not developed opioid tolerance. In a cross-sectional study in the United States, there was a significant increase between 2013 and 2018 in the rate of tests positive for nonprescribed fentanyl among the cocaine-positive samples (0.9 to 17.6 percent) and methamphetamine-positive samples (0.9 to 7.9 percent) [1]. Methamphetamine and cocaine users face a growing risk of fatal overdose from fentanyl contamination of these stimulants.

Primary respiratory support for preterm infants in level 2 (nontertiary) special care nurseries

Higher treatment failures have been reported with high flow nasal cannula (HFNC) than with nasal continuous positive airway pressure (nCPAP) in preterm infants receiving primary respiratory support in level 3 (tertiary care) settings, but HFNC has been proposed for use in less immature preterm infants in level 2 (nontertiary) special care nurseries. In a multicenter trial of over 750 preterm infants (GA \geq 31 weeks) cared for in level 2 special care nurseries, treatment failure was higher for patients assigned to primary respiratory support with HFNC compared with nCPAP (21 versus 10 percent) [2]. These data support our suggestion for nCPAP as initial respiratory support for preterm infants in both level 2 and level 3 nursery settings.

Systemic absorption of organic sunscreens

Sunscreens are classified as organic (formerly known as chemical sunscreens) and inorganic (mineral, formerly known as physical sunscreens). Broad spectrum organic sunscreens are widely used, but information regarding the degree of their systemic absorption is limited. In a trial enrolling 24 healthy volunteers randomly assigned to maximal usage of one of four organic sunscreens, the four active ingredients evaluated (avobenzone, oxybenzone, octocrylene, and ecamsule) were present at plasma concentrations high enough to warrant further safety studies [3]. However, the trial was small, and the doses were higher than routinely used. While awaiting further data, we continue to advise patients to use sunscreen, along with other sun-protection measures. For those concerned about systemic absorption of organic sunscreen ingredients, sunscreens that contain inorganic ingredients (eg, zinc oxide, titanium dioxide) can be recommended.

To arrange training on UpToDate, or if you have a query, please contact Rosemary

If you need help or advice about library services, please contact:

Rosemary Soper, Cardiff & Vale UHB Librarian.

soper@cardiff.ac.uk

02920 715497



Grand Round Series

Summer Term 2019

12.30pm – 1.45pm

Lecture Theatre 4, UHW



DATE	CLINICAL DIRECTORATE/ SPECIALITY	PRESENTER	CHAIR
Wednesday 3rd July	Action Caring Round Mental Health: Child & Adolescent Psychiatry	Dr Sian Moynihan & team	Professor Phil Smith
<p>Programme: Resilience Science film showing: 11:00- 12:15 Free Sandwich lunch: 12:15 Multi-professional presentation and Panel: 12:45- 13:30 Second opportunity to view Resilience film showing: 13:30 - 14:45</p>			

**The Autumn Term will start on Wednesday
18th September 2019**

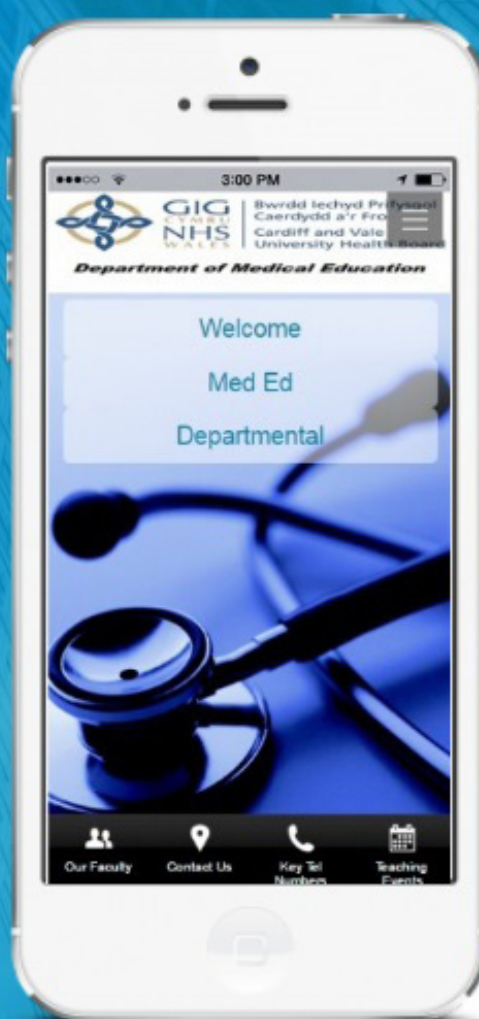
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University Health Board**Department of Medical Education**

CAVMedEducation App

The Department of Medical Education (DME) have developed a mobile app for personal devices. The overall purpose of this is to provide instant and up to date information to all Junior Doctors in Cardiff and Vale UHB.



Scan to download



Awesome Features

Medical Education Info

Information with regards to CMT, Foundation Training .
How to apply for Study Leave

Departmental Info

Junior Doctors Handbook for varied specialities

Teaching Events

Available Courses and Teaching Sessions

Med Ed Faculty

Meet our Faculty Leads for Training

Cardiff and Vale UHB, Department of Medical Education
Mrs Melanie Cotter, Medical Education Manager
Tel: 02920 716341, E-Mail: Melanie.Cotter@wales.nhs.uk

Paediatric Simulation Teaching

Simulation has proven to be a very successful mechanism for improving physicians' confidence and skill level with specific aspects of clinical medicine. Whilst medical school prepares students for much of adult care, the five-week block covering Paediatrics leaves new doctors lacking in confidence when managing acutely unwell children.

In February 2019, Cardiff & Vale UHB Medical Education department delivered the "Paediatric Emergencies" Simulation afternoon to 40 Foundation Year 2 doctors. An expert faculty facilitated simulations covering challenging situations, such as managing a child with sepsis, cardiac arrest, asthma or seizures. There was also a chance for foundation doctors to practice lumbar punctures on the new specialised LP model.

The afternoon ran from 13:30 to 16:00 with thirty minutes allocated per scenario. Each clinical simulation was facilitated by two faculty staff, with up to five trainees involved in the scenario and the rest observing the groups technical and non-technical skills to assist with the debrief. Generally, the scenarios were split into 15 minutes of simulation with 15 minutes of all important debrief to ensure the learning objectives were covered.

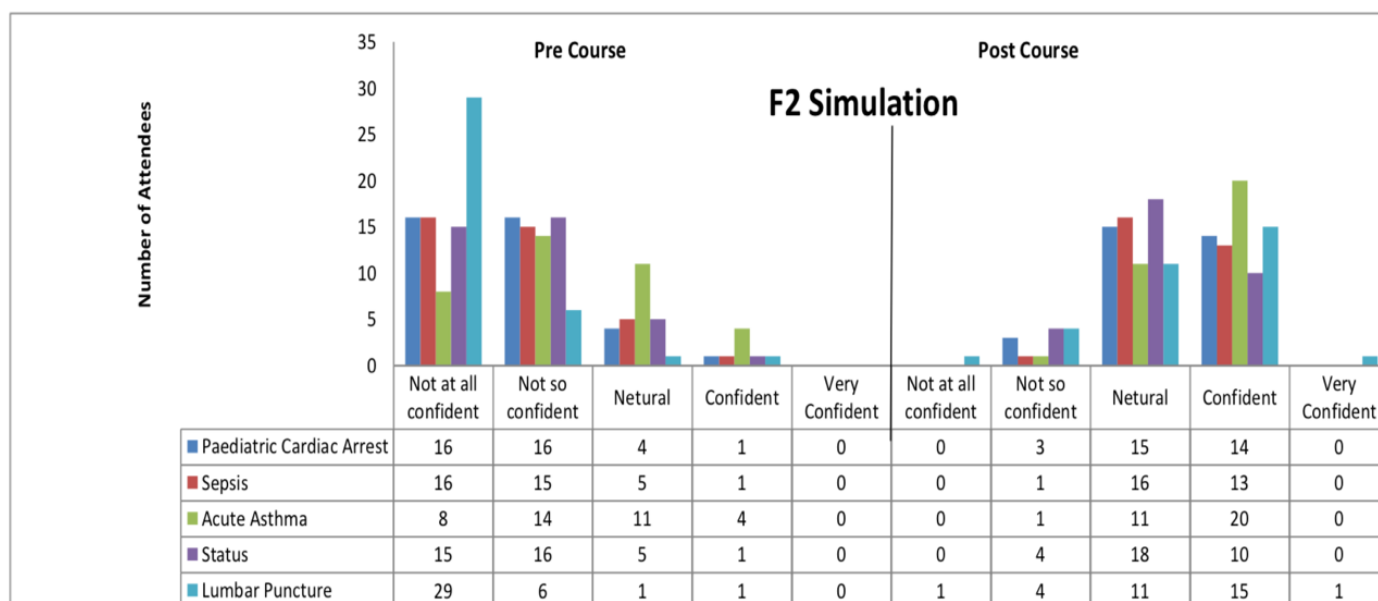
We also had a chance to use the new neonatal lumbar puncture models, equipped with spinal cord (CSF not included) and palpable lumbar vertebrae spinous processes to mimic reality. These models enabled foundation doctors to get hands on experience of the technique and nuances to perform the procedure successfully on 6 kg (screaming) infants.

We used a pre-and post-course questionnaire to demonstrate;

1. Improved key paediatric specific knowledge of topics in each of the scenarios.
2. The improvement in clinician confidence level before and after the simulations.

Figure 1, Average Scores out of 5. Not at all Confident (0) - Very Confident (5)
And Q (%Right) = Percentage of right answers to scenario specific question

	Pre	Post
Cardiac Arrest	1.7	3.32
Q (%Right)	37.84%	83.87%
Sepsis	1.69	3.45
Q (%Right)	29.73%	61.29%
Asthma	2.28	3.58
Q (%Right)	18.92%	70.97%
Seizure	1.75	3.27
Q (%Right)	35.14%	70.97%
Lumbar Puncture	1.15	3.29
	Engaging Course	100%
	Realistic Sims	96.77%
Total Number	8.57	16.91
Average Score	1.714	3.382

Figure 2, Confidence levels represented in bar chart

The session was enjoyable for participants and faculty alike. A few comments from participants:

“Very good and realistic scenarios”

“Really interesting sessions on a difficult/scary topic”

“Very good simulation sessions, Tutors were enthusiastic & very knowledgeable, excellent sessions”

“Really good, I’ve had nowhere near enough Paeds teaching - More please!”

“Very good teachers - knowledgeable & approachable, thank you - very helpful afternoon”

“Really excellent session”

“Very well organised”

“Please run these sessions more regularly”

In the future we are hoping to run many more of the sessions, expanding the database of paediatric scenarios and involving nurses in the sessions.

Some useful constructive trainee comments:

“Make guidelines available to everyone (and on the Screens in the room)”

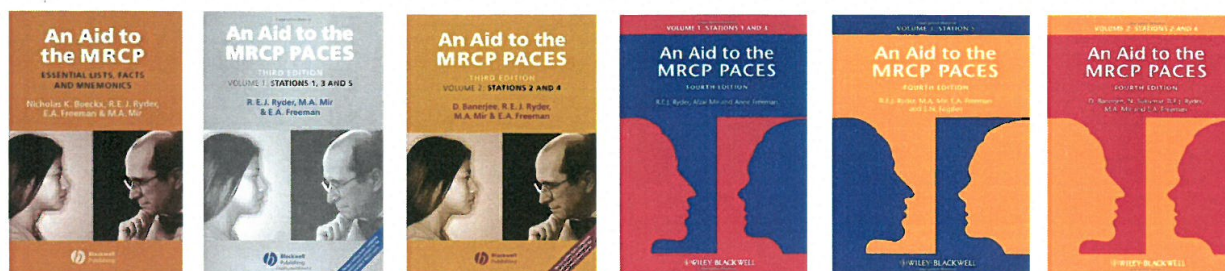
“Refreshments – Tea, Coffee and biscuits”

“Make the faculty (and the participants) multidisciplinary to add to fidelity”

The Medical Education Simulation facilities on the A2B2 corridor, UHW, is open to all are for all CAV staff to use as much as possible. There are Clinical Technicians on hand to answer any questions you may have.

For any questions about simulation teaching please contact:

Thomas Cromarty, Thomas.Cromarty@wales.nhs.uk



Royal Gwent Hospital

MRCP PACES COURSE

Highly successful course with excellent pass rates organised by:

Dr Anne Freeman & Dr Paul Mizen

Friday 13th September 2019

History Taking and Communication Skills and Ethics

Saturday 14th and Sunday 15th September 2019

Stations 1, 3 & 5 WITH MOCK EXAM

£ 895.00

Are you interested?

For further details please contact:



Lucy Hodkinson
Course Administrator

Tel: 01633 (23)8122

Lucy.Hodkinson@wales.nhs.uk

Visit our website:

www.newportpaces.co.uk



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Aneurin Bevan
University Health Board



The Junior Doctor and SAS Engagement Survey

Executive Board Feedback Event. In Attendance:

Peter Durning - Interim Medical Director

Martin Driscoll - Executive Director of Workforce

Please come along to discuss and give feedback on the proposed actions
by the Health Board to improve Junior Doctor Engagement in CAV

Tuesday
9th July

12:30 - 1:30

Routledge Academic Centre, UHL

ALL JUNIOR DOCTORS

Junior Doctor Leadership Skills Listening Event

Please drop in and find out about
Clinical Leadership in CAV
(PS, You're already doing it)

Join me..

Dr Tom Cromarty, Welsh Clinical Leadership Fellow

What's going on in your area?

*What can you do to skill up?
What do you want more of?*

Wednesday
12th June

12:00 - 18:00

Routledge Academic Centre, UHL

Made with PosterMyWall.com



The Junior Doctor and SAS Engagement Survey

Executive Board Feedback Event. In Attendance:

Peter Durning – Interim Medical Director

Martin Driscoll – Executive Director of Workforce

Please come along to discuss and give feedback on the proposed actions by the Health Board to improve Junior Doctor Engagement in CAV

Wednesday
31st July

12:30 - 1.30

Council Room, by Lecture Halls, UHW

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Join me..

Dr Tom Cromarty, Welsh Clinical Leadership Fellow

What's going on in your area?

*What can you do to skill up?
What do you want more of?*

Tuesday
11th June

12:00 - 18:00

Seminar Room A, by Lecture Halls, UHW

Made with PosterMyWall.com

MEDICAL TOXICOLOGY COURSE

18TH & 19TH OCTOBER 2019
JURY'S INN, CARDIFF, UK.

This intensive two day course is designed for those interested in medical toxicology. This course will aide those who wish to gain expertise in the practical management of common toxicological problems.

Previous attendees included nurses and physicians from urgent care, minor injuries, emergency and intensive care departments, paramedics, medical students, specialist registrars and specialists in poisons information.



AWTTC
All Wales Therapeutics
& Toxicology Centre

For more information contact:
Welsh National Poisons Unit
Telephone: (+44) 02920 715013
Fax: (+44) 02920 704357
Email: tox.course@wales.nhs.uk
Website: <https://www.awttc.org/news-and-events>
Places are limited and early application is advised.

**£300 FOR 2
DAYS
OR
£200 PER
DAY**



Bwrdd Iechyd Prifysgol
Cwm Taf
University Health Board



Enhanced Recovery After Surgery Course

Friday 06th September 2019 at 1.30pm – 4.30pm
Prince Charles Hospital, Merthyr Tydfil



This course is aimed at Junior Doctors, Medical Student & Staff Nurses and is delivered by a Multi-professional faculty.

Course Fee: £25 deposit – refundable on attendance (the cheque will be returned at the course), there is a standard charge of £5 for any refund made via bank transfer (BACS)

Topics Covered

ERAS Protocol Pre-operative aspects, Post-operative care, Discharge planning, Minimal Invasive Surgery,
Patient Information: ERAS DVD

Course Convenor: **Prof. P.N. Haray**

To register for this course please follow the below link:

<https://doctorsacademy.org.uk/CourseNW/ERAS/>

Or alternatively please contact:

Carol Pullen, Assistant Research and Academic Secretary, on
01685 724 422 or

haray.academic@wales.nhs.uk

Prince Charles Hospital, Merthyr Tydfil, South Wales, UK, CF47 9DT

REGULAR DEPARTMENTAL TEACHING & MEETINGS

Monday		
8.30am	Urology Seminar Room, A5 Link, UHW	Uro-Nephrology Radiology Meeting
8.30am	Seminar Room 1, Cochrane Building, UHW	EVAR and Vascular MDT
10.00am	Anaesthetics Seminar Room, UHW—irregular, contact Maria Grundy for details	Anaesthetic Academic Research Meeting
12.00pm	Rookwood Hospital	Rehabilitation Medicine Teaching (1st Monday of each Month)
12.30pm	Pathology Seminar Room, UHW	Gastrointestinal Meeting
1.00pm	Cancer Research Building, UHW	Lab Science Haematology Meeting
1.00pm	Paediatric Seminar Rooms, CHfW	Paediatric Microbiology Case Discussion
1.30pm	Paediatric Seminar Rooms, CHfW	Paediatric Radiology Meeting
4.45pm	Dermatology Seminar Room, UHW	Dermatology Departmental Meeting
Tuesday		
7.15am	Radiology Seminar Room, UHW	Radiology MDT Meeting
8.00am	C3 Seminar Room, UHW	Cardiac Surgery Topical Teaching
12.00pm	Pathology Seminar Room, UHW	Pathology Lunchtime Seminar
8.00pm	LATCH (Ward Space) Seminar Room	Haematology/Oncology Teaching Session
Wednesday		
7.00am	Trauma Clinic, UHW	Orthopaedic & Trauma Meeting
8.00am	Parentcraft Room, ANC, UHW	MDT Meeting in Gynaecological Oncology
8.00am	Cardiology Seminar Room, C3, UHW	Echo Cardiology Case Conference
8.00am	MDT Seminar Room, Education Centre, UHL	Heart Failure Meeting
8.00am	EU Seminar Room, UHW	Acute and General Medical Teaching Programme
8.00am	Ground Floor Radiology Seminar Room, UHW	GI Oncology Meeting
9.00am	Emergency Unit, Seminar Room, UHW	SpR Teaching Programme
9.00am	Pelican Ward, Children's Hospital	Paediatric Cardiology Teaching
9.30am	Seminar Room 1, 2nd Floor, Cochrane Building, UHW	Rheumatology Postgraduate Teaching (2nd and 4th Wednesday of each month)

REGULAR DEPARTMENTAL TEACHING & MEETINGS

Wednesday (Cont.)		
12.00pm	Medical Assessment Unit Discharge Lounge, UHL	MEAU Teaching
12.30pm	Pathology LHS Seminar Room, 1st Floor B-Block	Respiratory Teaching
12.45pm	Lecture Theatre 3/4, UGF A Block, UHW	Grand Round - Autumn Term starts 12th September
1.00pm	2nd Floor, Cochrane Building, UHW	G.P. Teaching
1.00pm	CF Centre Seminar Room, UHL	Respiratory Radiology Meeting
1.30pm	Paediatrics Seminar Room, 3rd Floor, Children's Hospital	Epilepsy Surgery MDT Meeting (2nd and 4th Wednesday of each month)
2.00pm	Emergency Unit, Seminar Room, UHW	Emergency Unit SHO Teaching
2.00pm	Emergency Radiology Department	IMPAX Training Walk-In Sessions
Thursday		
7.15am	Radiology Seminar Room	Spinal Teaching Meeting
8.00am	X-Ray Conference Room, Radiology Dept, UHW	Spinal X-Ray Meeting
8.00am	Pathology Seminar Room, UHW	ECG Interpretation
8.00am	Anaesthetics Seminar Room, 3rd Floor, B Block, UHW	ECG Teaching
9.00am	Neonatal Seminar Room, UHW	Fetal Medicine MDT Meeting
10.30am	Nephrology & Transplant Conference Room	Topics on Transplant Surgery
11.30pm	MDT Seminar Room, Education Centre, UHL	Gastroenterology MDT Meeting (Fortnightly)
12.30pm	Dental Seminar Room, Education Centre, UHL	Care of Elderly Meeting
12.45pm	Paediatric Seminar Rooms	Paediatric Grand Round (First Thursday of each month)
1:00pm	Paediatric Seminar Rooms	Tier 0 & Tier 1 Teaching (Not the first Thursday of each month)
1.00pm	IMG Seminar Room, UHW	Medical Genetics Lunchtime Seminar
1.00pm	Seminar Room, Henry Wellcome Research Institution	Science Seminar Programme
1.30pm	Diabetes Seminar Room, On Call Landing UHL	Diabetes and Medical Clinical Cases Discussion
2.00pm	Intensive Care Unit, UHW	Intensive Care Medicine Teaching: FP2, ST1, ST2 & 3 Topic Based Teaching

REGULAR DEPARTMENTAL TEACHING & MEETINGS

Friday		
7.00am	Trauma Clinic	Paediatric Orthopaedic Teaching
8.00am	Pathology Seminar Room, UHW	Surgical Oncology Seminar (1st, 3rd, 5th Friday in Month)
8.15am	Seminar Room, Floor 2, Maternity Unit, UHW	Obstetrics Discussion Meeting
10.00am	Lecture Room 3, Education Centre, UHL	Psychiatry HOT Review
11.15am	Lecture Room 3, Education Centre, UHL	Psychiatry CME Lecture
12.00pm	EU Seminar Room, UGF, UHW	General Medical Teaching
12.30pm	Radiology Seminar Room, UHW	HP MDT Meeting
12.45pm	Pathology Seminar Room, UHW	Urology MDT Meeting
1.00pm	CF Centre Seminar Room, UHL	Weekly Education Meeting
1.00pm	WHRI Seminar Room, UHW	Cardiac Grand Round (Academic Term Only)
1.00pm	CHfW Third Floor Seminar Room	Paediatric CBD and Updates
1.00pm	Obstetrics Seminar Room, UHW	Obstetrics & Gynaecology Postgraduate Meeting
1.00pm	Seminar Room 7, 2nd Floor, Cochrane Building UHW	Care of the Elderly Meeting
2.00pm	Cavoc Seminar Room, UHL	Orthopaedic Teaching (Higher Trainees)
2.00pm	Emergency Radiology Department	IMPAX Training Walk-In Sessions
2.00pm	Suite 8, UHW	Ophthalmology Regional Teaching

If you would like to add or amend teaching & meeting information, please email: Medical.Education.CAV@wales.nhs.uk



If you have anything you would like included in the next edition of the Medical Education Bulletin or have any feedback, please contact:
Medical.Education.cav@wales.nhs.uk.

We look forward to hearing from you!

