

CERTIFICATE COURSE IN

Patient Blood Management

4th EDITION

↘ 6 sessions

- 1 session [3 hours] per week for 6 weeks
- 19th August- 23rd September 2023
- Saturdays from 2.00 – 5.00 PM IST
- Online [Zoom]

In collaboration with :



[Click here to register](#)

Registration is mandatory. To obtain the Certificate of Course Completion, attendance in all sessions and successful completion of post-course assessment is required

Faculty

Dr Axel Hofmann

Professor, Faculty of Health and Medical Sciences, Division of Surgery at University of Western Australia, **Australia**

Dr Jens Meier

Professor and HOD, Anaesthesia & Intensive Care, Kepler University Hospital Linz, **Austria**

Ms. Sherri Ozawa

Director, Clinical Operations and Delivery, PBM, Accumen, New York, **USA**

Dr Ajay Gandhi

Associate Director Clinical Affairs, Werfen, **India**

Dr Rattiram Sharma

Professor & HOD, Department of Transfusion Medicine, PGIMER, Chandigarh, **India**

Dr Veena Selvaratnam

Consultant Clinical Hematologist, Ampang Hospital, **Malaysia**

Dr Lallindra Gooneratne

Consultant & Professor, Haematology, Department of Pathology, Faculty of Medicine, University of Colombo, **Sri Lanka**

Dr Ashish G Amatya

Associate Professor & HOD, Department of Anaesthesia, Shahid Gangalal National Heart Centre, Kathmandu, **Nepal**

Dr Fatima Khatoon

Associate Consultant Anaesthesiologist, Hamad Medical Corporation, **Qatar**

Dr Mohd Rafi

Associate Professor, Transfusion Medicine, Jubilee Mission Medical College & Research Institute, Thrissur, **India**

Dr Klaus Goerlinger

Anaesthesiologist,, Medical Director, Werfen, **Germany**

Dr Oliver Grottke

Specialist Anaesthetist, University Hospital RWTH, Aachen, **Germany**

Dr Catherine Downs

Consultant Cardiothoracic and Obstetric Anaesthetist, Prince of Wales Hospital, New South Wales, **Australia**

Dr Poonam Malhotra Kapoor

Professor, Cardiac Anesthesiology, All India Institute of Medical sciences, New Delhi, **India**

Dr Burapat Sangthong

Department of Surgery, Prince of Songlka University, **Thailand**

Dr Akila Rajkumar

Senior Consultant, Liver Intensive Care and Anaesthesia, Dr. Rela Institute & Medical Care, Chennai, **India**

Dr Nilmini Wijesuriya

Consultant Anaesthetist, Colombo North Teaching Hospital, Ragama, **Sri Lanka**

Dr Ramani Pallemulla

Consultant Anaesthetist and Intensivist, Ministry of Health, **Sri Lanka**

Dr Amit Shreshtha

Consultant Hematologist at Nepal Cancer Hospital and Research Centre, Kathmandu, **Nepal**

Agenda

Day 1: 19.08.23

Theme: PATIENT BLOOD MANAGEMENT: REFRESH, RELEVANCE, RATIONALE

Time (IST)	Topic	Speaker
14:00 – 14:30	Introductions, context setting <i>(Ice breaking)</i>	All Faculty members
14:35 – 15:05	Patient Blood Management: The Sense and Essence <i>(Need and Concept)</i>	Dr Axel Hofmann
15:10 – 15:40	Massive Transfusion Protocol: Science gone eerie? <i>(As against GDBM)</i>	Dr Klaus Goerlinger
15:45 – 16:15	P for Patient in Patient Blood Management <i>(Global Definition of PBM)</i>	Ms Sherri Ozawa
16:20 – 16:50	Discussion on pre-assessment 1, open house, Q&A	Everyone

Day 2: 26.08.23

Theme: PILLARS OF PBM

Time (IST)	Topic	Speaker
14:00 – 14:30	Optimizing Red Blood Cell Mass :First things' first <i>(1st Pillar)</i>	Dr Nilmini Wijesuriya
14:35 – 15:05	Bleeding Management: Customized and Precise <i>(2nd Pillar)</i>	Dr Klaus Goerlinger
15:10 – 15:40	Rational Transfusion in Clinical Practice: Walking the tight rope <i>(3rd Pillar)</i>	Dr Rattiram Sharma
15:45 – 16:15	PBM : Above and beyond the optimal use of blood <i>(Breaking the myths)</i>	Dr Ajay Gandhi
16:20 – 16:50	Discussion on pre-assessment 2, open house, Q&A	Everyone

Day 3: 02.09.23**Theme:** COAGULOPATHY MANAGEMENT

Time (IST)	Topic	Speaker
14:00 – 14:30	Conventional Lab Tests for bleeding management: A gone era? <i>(Limitations)</i>	Dr Veena Selvaratnam
14:35 – 15:05	Technology & PBM : Coagulation assessment and Management <i>(Options and efficacy)</i>	Dr Ashish G Amatya
15:10 – 15:40	Viscoelastic Testing: POC Coagulopathy Assessment <i>(Complete Spectrum)</i>	Dr Mohd Rafi
15:45 – 16:15	Blood Components and Pharmacologic agents in Bleeding <i>(Choices & Preferences)</i>	Dr Amit Shreshtha
16:20 – 16:50	Discussion on pre-assessment 3, open house, Q&A	Everyone

Day 4: 09.09.23**Theme:** GOAL DIRECTED BLEEDING MANAGEMENT- Part 1

Time (IST)	Topic	Speaker
14:00 – 14:30	Cell Saver and other blood conservation techniques	Dr Fatima Khaton
14:35 – 15:05	Obstetrics and Postpartum Hemorrhage	Dr Ramani Pallemulla
15:10 – 15:40	PBM in Liver Transplants & HPB Surgeries	Dr Akila Rajkumar
15:45 – 16:15	PBM in Cardiovascular Interventions & Surgery (Including ECMO)	Dr Poonam Malhotra Kapoor
16:20 – 16:50	Discussion on pre-assessment 4, open house, Q&A	Everyone

Day 5: 16.09.23**Theme:** GOAL DIRECTED BLEEDING MANAGEMENT- Part 2

Time (IST)	Topic	Speaker
14:00 – 14:30	Trauma and Traumatic Brain Injury (TBI)	Dr Burapat Sangthong
14:35 – 15:05	Evidence Based Practices : Global and Local	Dr Catherine Downs
15:10 – 15:40	Haemostasis management of patients on anti-platelet drugs	Dr Oliver Grottke
15:45 – 16:15	POC Viscoelastic testing in Unique Settings (Dengue, Snake Bite, etc)	Dr Lalindra Gooneratne
16:20 – 16:50	Discussion on pre-assesment 5, open house, Q&A	Everyone

Day 6: 23.09.23**Theme:** IMPLEMENTATION & WAY FORWARD

Time (IST)	Topic	Speaker
14:00 – 14:30	Implementing PBM : The ideal recipe	Dr Jens Meier
14:35 – 15:05	Evidence generation on Goal Directed Bleeding Management: Guidance & Support	Dr. Klaus Goerlinger
15:10 – 15:40	Global support for PBM Implementation: Expectations and offerings	Dr Axel Hofmann
15:45 – 16:15	Discussion on pre-assesment 6, open house, Q&A, Conclusions	Everyone
16:20 – 16:50	Conclusions, Way forward, Valedictory	Participants

Founders' opinion on PBM Course



"Patient safety is of paramount importance in emergency medicine, anesthesia and critical care. Accordingly, stopping the bleed and avoiding inappropriate blood transfusion are key elements of Patient Blood Management with the aim of improving patient's outcome. However, the paradigm shift is not possible without significant efforts in education and interdisciplinary communication, consensus and collaboration. Besides education, these C-skills are essential for the successful implementation of a PBM program."

Dr. Klaus Görlinger

"Patient Blood Management is a novel concept in India where, due to non-uniformity of knowledge, technology and SOP's, it is very poorly participated. This modular, accredited online course will fill this vacuum."

Dr. Poonam Malhotra Kapoor



"Managing abnormal bleeding or haemorrhage remains a challenge in any clinical setting. There is, often, non-uniformity not only in the availability of healthcare infrastructure but also in the access to same. PBM should be implemented as a multi-disciplinary and practically applicable concept in order to optimize the use of the precious resource [blood] and to increase patients' safety. This course is very comprehensive and covers the entire spectrum from basics to the most advanced details. The faculty brings in immense expertise and experience to share with the learners."

Dr. Ajay Gandhi