

**Summer School 2019 - Global surgery & essential surgical care**

Lecture room during summer school: HdB 4-43 (Medical Faculty, UMC Utrecht)

|                           | Monday, July 8th  | Tuesday, July 9th   | Wednesday, July 10th   | Thursday, July 11th   | Friday, July 12th   |
|---------------------------|---|---|--|---|---|
| <b>Morning</b>            |   | <b>start at 9:00</b>  | <b>start at 9:00</b>   | <b>start at 9:00</b>  | <b>start at 8:15!</b>   |
| 9.00-09:15                | Official opening of the course & welcome by prof. Rinkees Prof. Dr. M. Borel Rinkees, Drs. Rinkees Meester and drs. Eva Stortelder (surgical / orthopaedic department)  | Starts on course on small bowel anastomosis, theoretical part. drs. Marije Gordouin de Gouwerille, drs. Ellen Reuling, dr. Roeland Voorhoeve (surgical department)  | 9.00 - 9.15 From plastic surgery in Aleppo, Syria to Dutch medical registration as a refugee. Dr. Mustafa Makh (plastic surgeon)<br>9.15-9.30 surgical practice with Merry Shups, Liberia. Dr. Gbozee (surgeon)  | 9.00-9.10 a word of welcome<br>9.10 - 9.45 disaster management, interactive scenario, drs. Kees Broerjens (trauma surgeon)  | 8.15 - 8.30 Welcome and expectations, drs. Jurre van Keulen (surgeon in training)<br>8.30 - 9.30 Introduction of the Global Surgery Amsterdam (GSA) group. Drs. Matthijs Botman, drs. Jurre van Keulen, drs. Charissa Rahme<br>Scientific research by Global Surgery Amsterdam            |
| 9.15-10.15                | Learning objectives: -Getting to know each other; participants introduce themselves by short presentation<br>- Introduction of the Netherlands Society for International Surgery (NSIS)   | Learning objectives<br>-Assessment of an acute abdomen in the tropics<br>- Surgical theory in abdominal surgery in the tropics<br>-Basic do's and don'ts in acute abdomen and bowel anastomosis   | 9.30-10.15 Dr. Joyce Browne, conduction of scientific research and data collection in LMIC's<br>Chance to discuss group assignment   | 9.45-10.30 management of burns in resource limited settings, Helma Hofland (surgeon at the Burn Center of Maastricht Hospital Rotterdam)  | 9.30 - 10.20 Being a student and setting up research, Job Wemman (GSA research group)   |
| 10.15-10.30               | Break   | 10.15-10.30 Break   | 10.15 - 10.30 Break  | 10.30-11.00 coffee break  | 10.30-10.35: Break  |
| 10.30-12.00               | Introduction on essential surgical care in LMIC's. Drs. Rinkees Meester.<br>Learning objectives:<br>- Introduce NSIS and the G4 alliance, as well as the Amsterdam Declaration on Essential Surgical Care<br>- Introduction on the Lancet commission on Global Surgery and their key messages. G5 2030                            | 10.30-12.15 Hands on course on bowel practical part<br>Skills training of small bowel anastomosis technique, drs. Marije Gordouin de Gouwerille, drs. Ellen Reuling   | 10.30 - 11.45 laparoscopic in India with expert dr. Gnanaraj (surgeon-urologist and board G4 alliance).  | 11.00-11.45 Treatment of contractures, drs Matthijs Botman (plastic surgeon) and drs Thom Hendriks (surgeon in training)<br>Learning objectives: -surgical solutions to severe contractures due to burn wounds<br>-coverage of complicated fractures with plastic techniques. | 10.35-11.25 Being a resident and setting up research, Thom Hendriks (GSA research group)<br>Learning objectives:<br>-Conducting scientific research in LMIC's<br>-Data collection in resource limited settings.   |
| 12.00-12.30               | Inspiration on surgical data collection, an experience from Zambia. Drs. Marlies Prins<br>Learning objectives:<br>-To be inspired for the week assignment<br>-To get to know the Global Surg Data collaborative   | Learning objectives<br>-training in basic surgical skills<br>- training of bowel anastomosis on human small bowel (banks to anatomy department UMC Utrecht)<br>-class handling  | 11.45-12.15 Update group assignment, Drs. Eva Stortelder<br>Hospital tour UMC Utrecht, prof. Borel Rinkees (small group)   | 11.45-12.30 Treating fractures in resource limited circumstances. Speaker TBA.  | 11.25 - 12.15 Being the local doctor and setting up research, Grayson Mbuli (clinician and participant from Tanzania)<br>12.15 - 12.30 wrap up morning session, Claire van Howell tot Westdijffer (GSA research group)  |
| <b>Lunch: 12.30-13.15</b> | <b>Lunch</b>  | <b>12.15 - 13.15 Lunch</b>  | <b>12.15 - 13.00 Lunch</b>   | <b>12.30-13.30 Lunch</b>  | <b>12.30-13.30 Lunch</b>  |
| 13.15-15.15               | Division into groups and explanation of week assignment global surgery (intraparticipants own hospital experiences)<br>- Working in groups on essential surgical care group assignment.<br>Drs. Rinkees Meester, drs. Eva Stortelder and drs. Marlies Prins.<br>Learning objectives<br>- working on presentation group assignment | 13.15-14.15 Inguinal hernia course part I, drs. Jurre van Keulen.<br>Learning objectives: Anatomy of the inguinal canal. Different types of inguinal hernia.<br>Treatment of inguinal hernia<br>14.15-14.30 BREAK<br>14.30-15.30 Inguinal hernia course, perspective from a pediatric surgeon. Prof. dr. Ho-Bo Bhowe (pediatric surgeon Amalia children's hospital / Radboudumc Nijmegen) | 13.00-14.00 Global health and research ethics. Dr. Bridget Patt, Melbourne University<br>14.00-14.45 research in LMIC's, a project from Harvard University<br>Merjen Hamer (research clinician and pediatric nurse)                                    | 13.30-14.00 Introduction to external fixation of fractures, Drs. Kees Broerjens (trauma surgeon)  | 13.30 - 13.45: introduction afternoon / expectations, Jurre van Keulen<br>Conducting scientific research in LMIC's, introduction and practical course   |
| 15.15-15.30               | Tea break   | 15.30-15.45 Tea break   | 14.45-15.00 Tea break  | 15.00-15.15 tea break   | 15.15-15.30 Break   |
| 15.30-17.00               | Essential surgical care from the perspective of the G4 alliance and Lancet Commission on Global Surgery<br>Speaker: dr. Gnanaraj, India, board member of G4 alliance<br>Learning objectives:<br>- Plans of the G4 alliance, the opportunities through the Association of Rural Surgeons of India, by Dr. Gnanaraj.                | 15.45-16.45 Inguinal hernia course part II, drs. Jurre van Keulen<br>Learning objectives<br>Hernia repair - training session<br>-Getting to know the different steps of inguinal hernia repair<br>-training the steps of hernia repair  | 15.00-15.45 Clinical projects in Senegamese hospital Tazania, drs. Niik Versteegh (MD in International Health and Tropical Medicine)<br>Learning objectives:<br>Experiences from the perspective of a Dutch NGO Triands of Senegamese hospital Tazania | 15.15-16.15 Hands on workshop external fixation of fractures part II<br>Drs. Kees Broerjens<br>Learning objectives: getting to know the basic principles of external fixation of fractures and practice   | 15.30 - 16.00 assignment presentation, group 4, 20 min presentation, 10 min discussion, Jurre van Keulen<br>16.00 - 16.30 assignment presentation, group 5, 20 min pres, 10 min discussion, Matthijs Botman<br>16.30 - 16.45 Wrap up afternoon session, Claire van Howell tot Westdijffer |
| 17.00-17.15               | Wrap up & evaluation of day 1, drs. Rinkees Meester   | 16.45-17.00 Wrap up & evaluation of day 2, drs. Marije Gordouin de Gouwerille, drs. Ellen Reuling & drs. Jurre van Keulen   | 15.45-16.45 Task sharing in Sierra Leone, dr. Marcus Rijken and drs. Soelen Westendorp, gynaecology department / Caps Care Netherlands<br>16.45 - 17.00 Wrap up & evaluation of day 3, Drs. Eva Stortelder   | 16.15 - 16.30 Wrap up & evaluation of day 4, Drs. Kees Broerjens<br>Attention, Friday program starts earlier!   | 16.45-17.30: Good byes, final evaluation and certificates<br>Prof. Dr. Inne Borel Rinkees, Drs. Eva Stortelder  |
| 18.00                     | Pizza in the park, free topic Warner Prevoed, intervention radiologist  | 17.30-19.00 Welcoming Drinks UMC Summerschool, location HdB room 1.38<br>Working on group research assignment   | Official opening Summerschool Utrecht - drinks at Janskerk city centre until 21.00<br>Working on group research assignment   | Social evening<br>Working on group research assignment  |   |