

**Summer School 2021 - Global surgery, Obstetrics and Gynaecology**

Online interactive sessions

	Monday, July 12	Tuesday, July 13	Wednesday, July 14	Thursday, July 15	Friday, July 16
	<p><b>Setting the scene: global surgery and maternal health</b> Host: Marcus/Bloemenkamp</p>	<p><b>Diving deeper</b> Host: Joyce/Elles of Eva</p>	<p><b>Global cancer</b> Host: Marcus/ Eva/ Inne</p>	<p><b>Obstetric and surgical emergencies</b> Host: Marcus</p>	<p><b>Capacity building and research</b> Host: Inne/ Kitty</p>
<p><b>Morning</b> 9.45-10.00</p>	<p>9.45 digital classroom open / checking in Introduction of the day</p>	<p>9.45 digital classroom open / checking in Introduction of the day</p>	<p>9.45 digital classroom open / checking in Introduction of the day</p>	<p>9.45 digital classroom open / checking in Introduction of the day</p>	<p>9.45 digital classroom open / checking in Introduction of the day</p>
<p>10.00-11.00</p>	<p><b>Official opening of the course &amp; welcome</b> Prof. Dr Inne Rinkes, Drs Eva Stortelder (surgery), Prof. Dr. Kitty Bloemenkamp, Dr Marcus Rijkken and Dr Joyce Browne (maternal health)</p> <p><b>Learning objectives:</b> - Getting to know each other - Introduction of the week and what we can expect - Incision- an introduction - Thom Wiggers</p>	<p><b>Global Surgery by a gynaecologist</b> - Sidonia Moukoko with group discussion on global health ethics</p> <p><b>Learning objectives:</b> - To connect health systems and clinical care in low and middle income countries, especially concerning surgical care - To discuss the importance of quality of surgery, and how it relates to integrated health care and overarching health systems performance</p>	<p><b>Cervical cancer: towards elimination through screening and treatment</b> Dr Marijke de Fouw, Dr Hilken van Boshuizen &amp; Marcus Rijkken</p> <p><b>Learning objectives:</b> - Introduce HPV as main cause of cervical cancer - Discuss several types of prevention - Discuss the global aim of cervical cancer elimination</p>	<p><b>Cross cutting talk: global anaesthesiology</b> David Bischoff</p> <p><b>Learning objectives:</b> - Introduction of the G4 Alliance in Global Health - Discussion on the role of anaesthesiology in global surgery and obstetrics - Consequences of a lack of access to anaesthesiology care</p>	<p><b>Cross cutting talk: the role of health systems strengthening?</b> Ariens Turs</p> <p><b>Learning objectives:</b> - Discuss the role of the health system and all cadres of health professionals (OB/GYNs, MDs, clinical officers, nurses, midwives, CHWs, TBAG) - Discuss the opportunities of task shifting to increase access to quality maternal and reproductive health care - Discuss what health professionals can do to advocate for better maternal and reproductive health</p>
<p>11.00-11.15</p>	<p><b>Break</b></p>	<p>11.00-11.15 <b>Break</b></p>	<p>11.00-11.15 <b>Break</b></p>	<p>11.00-11.15 <b>Break</b></p>	<p>11.00-11.15 <b>Break</b></p>
<p>11.15-12.15</p>	<p><b>Setting the scene: global surgery and maternal health</b> Drs Eva Stortelder, Dr Marcus Rijkken, Dr Joyce Browne</p> <p><b>Learning objectives:</b> - Discuss the global burden of disease and mortality associated with (the unmet need of) surgery and maternal and reproductive health - Explain how the unmet need of surgery and maternal and reproductive health are related to the Sustainable Development Goals - Identify key topics on the global surgical and maternal health agenda - Introduce Amsterdam Declaration on surgical care</p>	<p><b>Diving deeper in parallel sessions #1:</b> <b>Maternal health: Optimal fistula care: prevention and treatment.</b> Introduction: speaker fistula - Inne Stortelder van Loenen</p> <p><b>Learning objectives:</b> - Discuss medical and public health approaches to prevent fistula - Discuss the surgical principles of fistula repair</p> <p><b>Surgery: The role of pediatric surgery in Global Health.</b> Dr. Judith Lindert, pediatric surgeon FHU, Germany</p> <p><b>Learning objectives:</b> - An introduction to pediatric global surgery - Discuss the main pediatric surgical problems on a global scale and how to overcome major obstacles in this.</p>	<p><b>Cancer in Haydom Tanzania</b> dr. Emanuel Nwason, en AIGT Charissa Rahme, Haydom Hospital Tanzania</p> <p><b>Global oncology</b> Memorial Sloan Kettering Cancer centre NYC Connecting hepatobiliary cancer surgery in USA to global surgical oncology care - Peter Klingham</p>	<p><b>Maternal Health: "The bleeding patient": from road traffic accidents to PPH</b> Maternal Health: EmOC with focus on PPH, Charles Emeh, UNICEF</p> <p><b>Learning objectives:</b> - Discuss strategies to improve availability and utilization of EmOC - Discuss approaches to capacity building in EmOC</p> <p><b>Surgery: Road traffic accidents: Inbal Surgeon</b> Inbal Surgeon</p> <p><b>Learning objectives:</b> - Learn about trauma as the main cause of surgical disability - Examples of trauma care in low resource settings in Ethiopia, with creative solutions and ethical consequences - Prepare by watching the documentary: the Rebel Surgeon</p>	<p><b>Maternal health case study: Bottom up approaches to improve maternal health in Suriname.</b> Dr. Lucien Koojen</p> <p><b>Learning objectives:</b> - Introduce causes of maternal morbidity and mortality in middle-income settings - Discuss the impact of registration and introducing interventions to reduce maternal morbidity and mortality - Understand the importance of involving a broad range of stakeholders and collaboration in initiatives to improve maternal and perinatal health</p> <p><b>Surgery case study: Burns (Global Surgery Amsterdam)</b> - Thom Hendrickx, Grolink lid</p> <p>- How to set up burn research in a LMIC setting - Diving deeper in to therapy of burns</p>
<p>Lunch: 12.15-13.00</p>	<p>Lunch, including social interaction assignment with your buddy</p>	<p>12.15 - 13.00 Lunch</p>	<p>12.15 - 13.00 Lunch</p>	<p>12.15 - 13.00 Lunch</p>	<p>12.15 - 13.00 Lunch</p>
<p>Afternoon</p>	<p>13.00-14.00</p>	<p>13.00-14.00</p>	<p>13.00-14.00</p>	<p>13.00-14.00</p>	<p>13.00-14.00</p>
	<p><b>Diving deeper in parallel sessions:</b> <b>Maternal Health: Introduction to maternal health</b> - Marcus, Joyce, Kitty <b>Surgery: Introduction to global surgery</b> - dr. Peter Reznick, from Uganda</p> <p><b>Learning objectives:</b> - Relate intrapartum guidelines to real life daily practice in delivery wards around the world and its impact on maternal and perinatal health. - Discuss a 'bottom up' approach to develop, implement and evaluate a complex intervention to improve maternal health - Appreciate the differences in burden and causes of stillbirths between HIC and LMICs</p> <p><b>Surgery: Bowel resection and anastomosis.</b> Drs Ellen Reuland and Drs Margje Gouderou de Gouberville</p> <p><b>Learning objectives:</b> - Differential diagnosis of acute abdomen to operate or not, preoperative preparations - Techniques of bowel anastomosis, "how do it". Prepare yourself by watching the incision movie on anastomosis.</p>	<p><b>Diving deeper in parallel sessions #2:</b> <b>Maternal Health: Don't forget about the babies - the role of intrapartum fetal monitoring to prevent stillbirth.</b> In Nestora Housheer, Aga Khan University Dar Es Salaam</p> <p><b>Learning objectives:</b> - Relate intrapartum guidelines to real life daily practice in delivery wards around the world and its impact on maternal and perinatal health. - Discuss a 'bottom up' approach to develop, implement and evaluate a complex intervention to improve maternal health - Appreciate the differences in burden and causes of stillbirths between HIC and LMICs</p> <p><b>Surgery: Bowel resection and anastomosis.</b> Drs Ellen Reuland and Drs Margje Gouderou de Gouberville</p> <p><b>Learning objectives:</b> - Differential diagnosis of acute abdomen to operate or not, preoperative preparations - Techniques of bowel anastomosis, "how do it". Prepare yourself by watching the incision movie on anastomosis.</p>	<p><b>Global oncology</b> Memorial Sloan Kettering Cancer centre NYC Connecting hepatobiliary cancer surgery in USA to global surgical oncology care - Peter Klingham</p>	<p><b>Diving deeper in parallel sessions #2:</b> <b>Maternal Health: Sepsis.</b> Prof. Dr. Kitty Bloemenkamp</p> <p><b>Learning objectives:</b> - Discuss how to set up a maternal morbidity and mortality registration system with fiducial apps - Discuss the findings of the International GLOSS study</p> <p><b>Surgery: Treatment of contractures.</b> drs Matthijs Botman (plastic surgeon)</p> <p><b>Learning objectives:</b> - Treatment of complications after open fractures and burns - Options for flap techniques in low resource setting</p>	<p><b>Presentation session: pitches surgical transition framework</b></p>
<p>14.00-14.30</p>	<p>Recap of discussions in parallel sessions, plenary - Share key learnings from the parallel sessions and discuss how this is relevant to the other field, including concepts of Three Delays Model, Obstetric Transition, + 2 surgical themes (unmet need, quantification, costs/return on investment case?)</p>	<p>Recap of discussions in parallel sessions, plenary - Share key learnings from the parallel sessions and discuss how this is relevant to the other field, including concepts of [add 2/3]</p>	<p><b>Cross cutting topics:</b> Pediatric oncology - Dr. Mirke Hubbers</p>	<p>Recap of discussions in parallel sessions, plenary - Share key learnings from the parallel sessions and discuss how this is relevant to the other field, including concepts of [add 2/3]</p>	
<p>14.30-14.45</p>	<p><b>Tea break</b></p>	<p>14.30-14.45 <b>Tea break</b></p>	<p>14.30-14.45 <b>Tea break</b></p>	<p>14.30-14.45 <b>Tea break</b></p>	<p>14.30-14.45 <b>Tea break</b></p>
<p>14.45-15.30</p>	<p><b>Cross cutting topic: human rights and respectful care</b> Prof. Tarek Maguid</p> <p><b>Learning objectives:</b> - Introduce the concepts of 'rights to health' and how this applies to maternal health care - Discuss how human rights can be violated in maternity care and how human rights principles can be translated to daily maternal care around the world.</p>	<p><b>Diving deeper in parallel sessions #3:</b> <b>Maternal health: Female Genital Mutilation.</b> Dr. Brenda Kelly</p> <p><b>Learning objectives:</b> - Greater awareness of FGM as cultural practice - More confidence in discussing FGM - An understanding of complex social norms around FGM and challenges of change</p> <p><b>Surgery: Inguinal hernia anatomy and surgery in Sierra Leone.</b> Drs. Jurne van Rossumen / Drs. Tom Geving with clinicians Misanga</p> <p><b>Learning Objectives:</b> - Get to know the anatomy of the inguinal canal - Learn how to repair inguinal hernia and treat complications in resource limited setting</p>	<p><b>Cross cutting topic:</b> Surgical oncology &amp; palliative care, experiences from Malawi Prof. Dr. Srinivas Kripthi surgical opimist UMCG</p> <p><b>Learning objectives:</b> - Introduce the global burden of disease and mortality associated with cancers - Identify the major types of cancer and global strategies to combat these - Introduce the approaches to prevention, diagnostics and treatment from a global perspective - Identify cross-cutting topics in global oncology, including palliative care</p>	<p><b>Cross cutting topic:</b> Too little, too late, too much, too soon! - the global cesarean section epidemic. In Inne Rinkes, Inbal and Dr Marcus Rijkken</p> <p><b>Learning objectives:</b> - Discuss the obstetric dilemma: how to reduce the unmet need for access to safe Cesarean sections (CS) and counter the emerging epidemic of unnecessary CS? - Apply the CS Robson classification system of indications - Discuss the role of patient advocacy and empowerment in addressing the CS epidemic</p>	<p><b>Pitches surgical transition continued</b></p>
<p>15.30-16.00</p>	<p>Assignment explanation and breakout group discussion</p>	<p>Assignment break group discussions (continued after wrap up session)</p>	<p>Assignment break group discussions (continued after wrap up session)</p>	<p>Assignment break group discussions (continued after wrap up session)</p>	
<p>16.00-16.15</p>	<p>Wrap up &amp; evaluation of day 1</p> <p>- Reflection on key learnings and proceedings of day 1 - Identification of readings/preparations for day 2</p> <p>Optional 16.15-17.00: continued small group assignment work</p>	<p>15.45-16.00 Wrap up &amp; evaluation of day 2</p> <p>- Reflection on key learnings and proceedings of day 2 - Identification of readings/preparations for day 3</p> <p>Optional 16.15-17.00: continued small group assignment work</p>	<p>15.55-16.00 Wrap up &amp; evaluation of day 3</p> <p>- Reflection on key learnings and proceedings of day 3 - Identification of readings/preparations for day 4</p> <p>Optional 16.15-17.00: continued small group assignment work</p>	<p>15.55-16.00 Wrap up &amp; evaluation of day 4</p> <p>- Reflection on key learnings and proceedings of day 4 - Identification of readings/preparations for day 5</p> <p>Optional 16.15-17.00: continued small group assignment work</p>	<p>16.00-16.30: Good byes, final evaluation and certificates</p> <p>Prof. Dr Inne Rinkes, Drs Eva Stortelder (surgery), Prof. Dr. Kitty Bloemenkamp, Dr Marcus Rijkken and Dr Joyce Browne (maternal health)</p>
<p>Evening options</p>	<p>Prepare for Tuesday with relevant movies from Incision Academy</p>	<p>Prepare for Wednesday with relevant movies from Incision Academy</p>	<p>Prepare for Thursday with relevant movies from Incision Academy</p>	<p>Prepare presentations for Friday</p>	
	<p><b>Working on group research assignment</b> <b>Global health documentary option: the Rebel Surgeon</b></p>				
	<p><b>Group assignment subject:</b> Propose Surgical Transition framework, which will be synthesized into a publication with all summer school participants.</p>				