

# The Mayo Clinic High Acuity Low Occurrence (HALO) Conference: Preparation for High-Stakes Emergencies

Mayo Clinic Campus – Stabile Building  
Jacksonville, Florida  
February 17–20, 2027

| Wednesday, February 17, 2027                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                   |
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| Time                                                                                                                                                                                                                                                                                                                                                                                             | Session Title                                                                                                                     |
| <b>OB &amp; Pediatric HALO Day</b>                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |
| 7:20 a.m.                                                                                                                                                                                                                                                                                                                                                                                        | <b>Shuttles depart parking area</b>                                                                                               |
| 7:30 – 8:10 a.m.                                                                                                                                                                                                                                                                                                                                                                                 | <b>Breakfast – Stabile 150N</b>                                                                                                   |
| 8:10 – 8:25 a.m.                                                                                                                                                                                                                                                                                                                                                                                 | <b>Course Welcome</b><br><i>Leslie V. Simon, D.O., Dr. Tyler F. Vadeboncoeur, M.D., Warren L. Cantrell, M.S.N., R.N., C.H.S.E</i> |
| <b>Morning Lectures – Stabile 150N</b>                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |
| 8:30 – 8:55 a.m.                                                                                                                                                                                                                                                                                                                                                                                 | <b>Human Factors, HALO Events</b><br><i>Leslie V. Simon, D.O.</i>                                                                 |
| 9:00 – 9:25 a.m.                                                                                                                                                                                                                                                                                                                                                                                 | <b>Antepartum Emergencies</b><br><i>Michael M. Mohseni, M.D.</i>                                                                  |
| 9:30 – 9:55 a.m.                                                                                                                                                                                                                                                                                                                                                                                 | <b>Emergency Delivery</b><br><i>Ryan T. McKenna, D.O.</i>                                                                         |
| 9:55 – 10:10 a.m.                                                                                                                                                                                                                                                                                                                                                                                | <b>Break</b>                                                                                                                      |
| 10:10 – 10:35 a.m.                                                                                                                                                                                                                                                                                                                                                                               | <b>Neonatal Resuscitation</b><br><i>Courtney L. James-Newsome, M.D.</i>                                                           |
| 10:40 – 11:05 a.m.                                                                                                                                                                                                                                                                                                                                                                               | <b>Pediatric Airway</b><br><i>Alex A. Lu, M.D.</i>                                                                                |
| 11:10 – 11:35 a.m.                                                                                                                                                                                                                                                                                                                                                                               | <b>Pediatric Shock</b><br><i>Courtney L. James-Newsome, M.D.</i>                                                                  |
| 11:35 a.m. – 12:30 p.m.                                                                                                                                                                                                                                                                                                                                                                          | <b>Lunch</b>                                                                                                                      |
| 12:30 – 12:40 p.m.                                                                                                                                                                                                                                                                                                                                                                               | <b>Simulation Center Orientation</b><br><i>Leslie V. Simon, D.O.</i>                                                              |
| <b>Skills Stations – Simulation Center</b>                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                   |
| 12:45 – 2:15 p.m.                                                                                                                                                                                                                                                                                                                                                                                | <b>Block 1 (3 stations) – all OB or all Pediatrics</b>                                                                            |
| 2:15 – 2:30 p.m.                                                                                                                                                                                                                                                                                                                                                                                 | <b>Break</b>                                                                                                                      |
| 2:30 – 4:00 p.m.                                                                                                                                                                                                                                                                                                                                                                                 | <b>Block 2 (3 stations) – Opposite of Block 1</b>                                                                                 |
| <b>Stations</b>                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |
| <b>Pediatrics:</b>                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |
| <ul style="list-style-type: none"> <li>• Neonatal Resuscitation – <i>Courtney L. James-Newsome, M.D., Sarah Spelsberg, M.D., FAWM</i></li> <li>• Pediatric Airway – <i>Mike Grinney, M.D., Richard A. Courtney, D.O.</i></li> <li>• Pediatric Difficult, Surgical Airway – <i>Alex A. Lu, M.D., Sandra A. Jackson, M.D.</i></li> </ul>                                                           |                                                                                                                                   |
| <b>OB:</b>                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                   |
| <ul style="list-style-type: none"> <li>• Shoulder Dystocia &amp; Nuchal Cord – <i>Ryan T. McKenna, D.O., Brittany C. Beel, M.D., Yemi Omotoso, M.B.B.S., M.D.</i></li> <li>• Breech Delivery – <i>Kara Bragg, APRN, D.N.P., M.S.N., Bradley Bragg, M.D., Courtney Rhoades D.O., M.B.A.</i></li> <li>• Postpartum Hemorrhage – <i>Heidi H. Ashbaugh, M.D., Rachelle M. Beste, M.D.</i></li> </ul> |                                                                                                                                   |
| 4:00 p.m.                                                                                                                                                                                                                                                                                                                                                                                        | <b>Adjourn</b>                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Shuttles available</b>                                                                                                         |

| Thursday, February 18, 2027                 |                                            |
|---------------------------------------------|--------------------------------------------|
| Time                                        | Session Title                              |
| <b>Airway &amp; Cardiovascular HALO Day</b> |                                            |
| 7:30 – 8:10 a.m.                            | <b>Breakfast – Stabile Learning Center</b> |

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| Morning Lectures   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| 8:10 – 8:35 a.m.   | <b>NIPPV/HFNC</b><br><i>Tyler F. Vadeboncoeur, M.D.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 8:40 – 9:05 a.m.   | <b>The Physiologically Difficult Airway</b><br><i>Leslie V. Simon, D.O.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 9:10 – 9:35 a.m.   | <b>Ventilator Management</b><br><i>Michael F. Harrison, M.D., Ph.D.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 9:40 – 10:05 a.m.  | <b>Tracheostomy Emergencies</b><br><i>Ann Kaminski, M.D.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 10:05 – 10:20 a.m. | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 10:20 – 10:45 a.m. | <b>Hemorrhagic Shock, Massive Transfusion</b><br><i>Jesse W. St. Clair IV, M.D.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10:50 – 11:15 a.m. | <b>Cardiogenic Shock, Arrhythmias</b><br><i>Nick J. Kelly, M.D.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11:20 – 11:45 a.m. | <b>RV Failure in Massive PE</b><br><i>Tyler F. Vadeboncoeur, M.D.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 11:50 – 12:15 p.m. | <b>LVAD Emergencies</b><br><i>Andrea C. Sharp, M.D.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 12:15 – 1:15 p.m.  | <b>Lunch</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1:15 – 1:35 p.m.   | <b>Transport to the Simulation Center</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1:45 – 3:15 p.m.   | <b>Cardiovascular Skills Stations – Simulation Center, Block 1 (3 stations)</b> <ul style="list-style-type: none"> <li>• RUSH – <i>Michael P. Boniface, M.D., Daniel Fiterman-Molinari, M.D.</i></li> <li>• Transvenous Pacemakers – <i>Nick J. Kelly, M.D., Ehsan Shirazi, M.D.</i></li> <li>• Minnesota Tube – <i>Ryan T. McKenna, D.O., Jesse W. St. Clair IV, M.D.</i></li> <li>• Thoracotomy – <i>Kerry M. Bachista, M.D., Michael F. Harrison, M.D., Ph.D.</i></li> <li>• Pericardiocentesis – <i>Caitlin Premuroso, M.D., Brittany C. Beel, M.D.</i></li> <li>• Vascular Access – <i>Michael M. Mohseni, M.D., Kara Bragg, APRN, D.N.P., M.S.N.</i></li> </ul> |
| 3:15 – 3:30 p.m.   | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3:30 – 5:00 p.m.   | <b>Cardiovascular Skills Stations – Simulation Center, Block 2 (3 stations)</b> <ul style="list-style-type: none"> <li>• RUSH – <i>Mike P. Boniface, M.D., Daniel Fiterman-Molinari, M.D.</i></li> <li>• Transvenous Pacemakers – <i>Nick J. Kelly, M.D., Ehsan Shirazi, M.D.</i></li> <li>• Minnesota Tube – <i>Ryan T. McKenna, D.O., Jesse W. St. Clair IV, M.D.</i></li> <li>• Thoracotomy – <i>Kerry M. Bachista, M.D., Michael F. Harrison, M.D., Ph.D.</i></li> <li>• Pericardiocentesis – <i>Caitlin Premuroso, M.D., Brittany C. Beel, M.D.</i></li> <li>• Vascular Access – <i>Michael M. Mohseni, M.D., Kara Bragg, APRN, D.N.P., M.S.N.</i></li> </ul>    |
| 5:00 – 5:15 p.m.   | <b>Adjourn, Transport</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Friday, February 19, 2027                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Time                                       | Session Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Airway Skills HALO Day</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 7:20 a.m.                                  | <b>Shuttles depart parking area</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7:30 – 8:00 a.m.                           | <b>Breakfast in Stabile 150N</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Skills Stations – Simulation Center</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8:00 – 9:30 a.m.                           | <b>Block 1 (3 stations)</b> <ul style="list-style-type: none"> <li>• Cricothyroidotomy – <i>Bradley Bragg, M.D., Yemi Omotoso, M.B.B.S., M.D.</i></li> <li>• Fiberoptic Airway – <i>Leslie V. Simon, D.O., Hannah T. Fox, M.D.</i></li> <li>• Extraglottic/Rescue Devices – <i>Kerry M. Bachista, M.D., Ryan T. McKenna, D.O.</i></li> <li>• Suction-assisted Laryngoscopy – <i>Michael M. Mohseni, M.D., Andrea C. Sharp, M.D.</i></li> <li>• Tracheostomy Emergencies – <i>Ann Kaminski, M.D., Courtney L. James-Newsome, M.D.</i></li> <li>• Ventilator Management – <i>Michael F. Harrison, M.D., Ph. D., Jeremy Collado, M.D., and Harish Kinni, M.D.</i></li> </ul> |

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| 9:30 – 9:45 a.m.        | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 9:45 – 11:15 a.m.       | <b>Block 2 (3 stations)</b> <ul style="list-style-type: none"> <li>• Cricothyroidotomy – <i>Brad Bragg, M.D., Yemi Omotoso, M.B.B.S.</i></li> <li>• Fiberoptic Airway – <i>Leslie V. Simon, D.O., Hannah T. Fox, M.D.</i></li> <li>• Extraglottic/Rescue Devices – <i>Kerry M. Bachista, M.D., Ryan T. McKenna, D.O.</i></li> <li>• Suction-assisted Laryngoscopy – <i>Michael M. Mohseni, M.D., Andrea C. Sharp, M.D.</i></li> <li>• Tracheostomy Emergencies – <i>Ann Kaminski, M.D., Courtney L. James-Newsome, M.D.</i></li> <li>• Ventilator Management – <i>Michael F. Harrison, M.D., Ph.D., Jeremy Collado, M.D., and Harish Kinni, M.D.</i></li> </ul> |
| 11:15 a.m. – 12:15 p.m. | <b>Additional Practice</b><br>Participants may return to station(s) of their choice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 12:15 p.m.              | <b>Adjourn</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                         | <b>Shuttles available</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Saturday, February 20, 2027 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Time                        | Session Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Megacodes</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 7:20 a.m.                   | <b>Shuttles depart parking area</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 7:30 – 8:00 a.m.            | <b>Breakfast in Stabile 150N</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8:00 – 8:30 a.m.            | <b>Introduction to Megacodes, Redistribution of Groups, and Transit to the Simulation Center</b><br><i>Leslie V. Simon, D.O., Dr. Tyler F. Vadeboncoeur, M.D., Warren L. Cantrell, M.S.N., R.N., C.H.S.E.</i>                                                                                                                                                                                                                                                                                                                          |
| 8:30 – 10:00 a.m.           | <b>Megacodes – 30 minutes per scenario (3 Scenarios)</b> <ul style="list-style-type: none"> <li>• <i>Leslie V. Simon, M.D.</i></li> <li>• <i>Kerry M. Bachista, M.D., Alex A. Lu, M.D.</i></li> <li>• <i>Bradley Bragg, M.D., Kara Bragg, APRN, D.N.P., M.S.N., Courtney L. James-Newsome, M.D.</i></li> <li>• <i>Ryan T. McKenna, D.O., Jesse W. St. Clair IV, M.D.</i></li> <li>• <i>Charley G. Graham, M.D., Michael M. Mohseni, M.D.</i></li> <li>• <i>Rachelle M. Beste, M.D., Mason M. Bonner MPAS, P.A.-C., M.S.</i></li> </ul> |
| 10:00 – 10:15 a.m.          | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 10:15 – 11:45 a.m.          | <b>Megacodes – Continue Rotations (3 Scenarios)</b> <ul style="list-style-type: none"> <li>• <i>Leslie V. Simon, D.O.</i></li> <li>• <i>Kerry M. Bachista, M.D., Alex A. Lu, M.D.</i></li> <li>• <i>Bradley Bragg, M.D., Kara Bragg, APRN, D.N.P., M.S.N., Courtney L. James-Newsome, M.D.</i></li> <li>• <i>Ryan T. McKenna, D.O., Jesse W. St. Clair IV, M.D.</i></li> <li>• <i>Charley G. Graham, M.D., Michael M. Mohseni, M.D.</i></li> <li>• <i>Rachelle M. Beste, M.D., Mason M. Bonner MPAS, P.A.-C., M.S.</i></li> </ul>      |
| 11:45 a.m. – 12:15 p.m.     | <b>Debrief</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 12:15 p.m.                  | <b>Adjourn</b><br><b>Shuttles available</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |