

Staffing

ICU Leveling

Level 1 ICU: Vents, Swans, A-lines, Vasopressors/Sedatives, CRRT, Stabilized VADs/Transplant

Level 2 ICU: The entirety of level 1 plus; IABP; Stable Centrimag, Immediate Recovery of CABG/Valve

Level 3 ICU: The entirety of level 1&2 plus; Immediate Recovery of VADs/Transplants, ECMO, Unstable Admissions from Outlying Departments/Hospitals, Massive Transfusion Protocols

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Training

Didactic Class/Hands on Training- Initial

Discuss Pathophysiology that leads a patient to need the technology surrounding ECLS

Pathophysiology and Indications for ECLS

Patient selection

Describe techniques involved with ventilator management for patients undergoing ECLS therapy

Advanced ventilator management

Patho/phys of ARDS

Describe the interplay of the ECLS circuit in relation to drug therapies

Drug properties, drug dosing, and routine monitoring during ECLS

Anticoagulation

Apply knowledge gained from lecture to patient at the bedside

ECLS equipment

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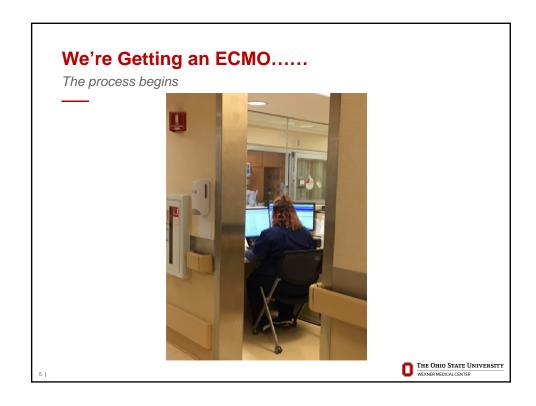


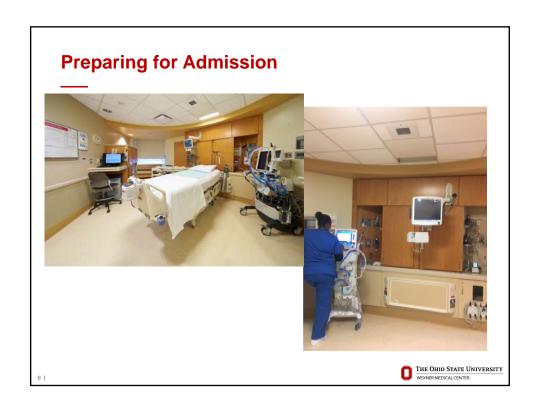
Training

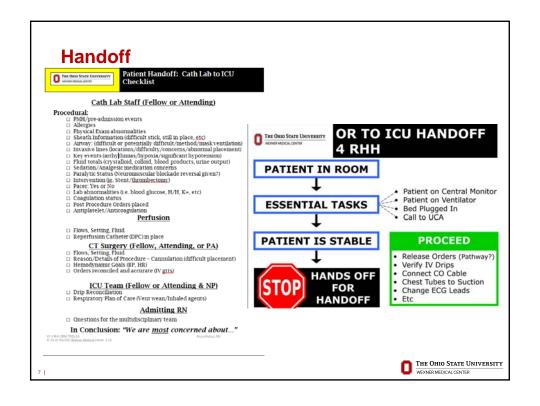
Ongoing



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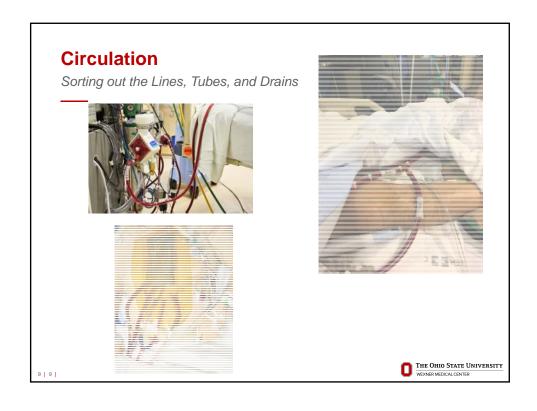
Immediate Needs

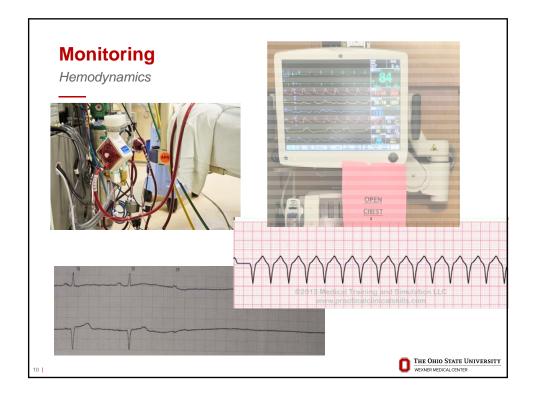
A, B, C



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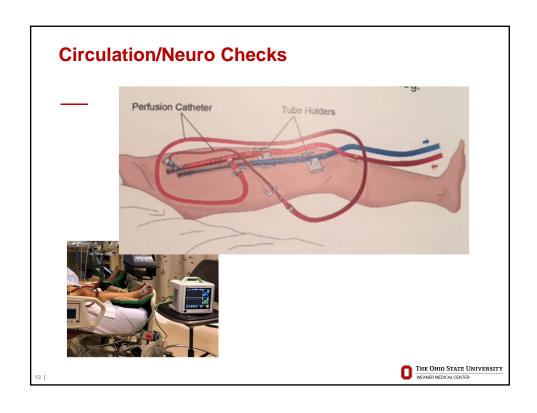
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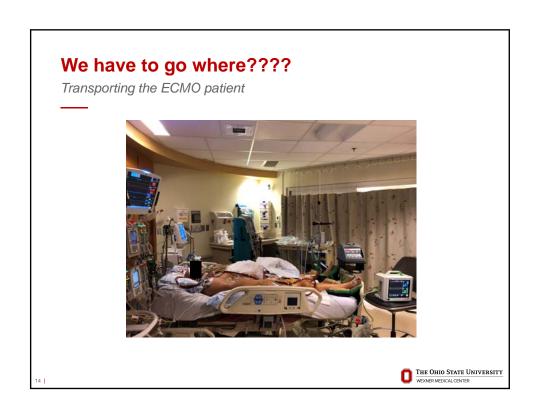


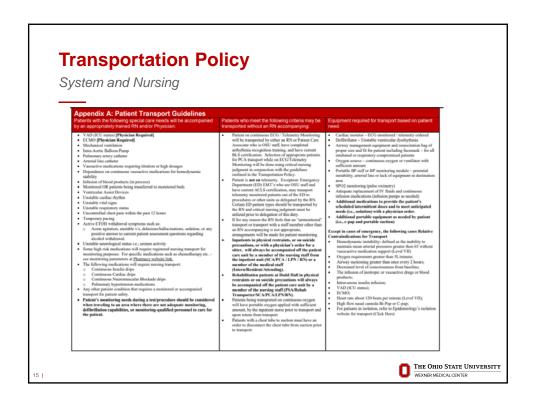


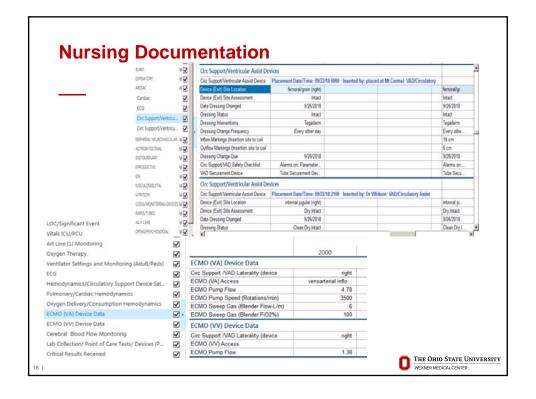


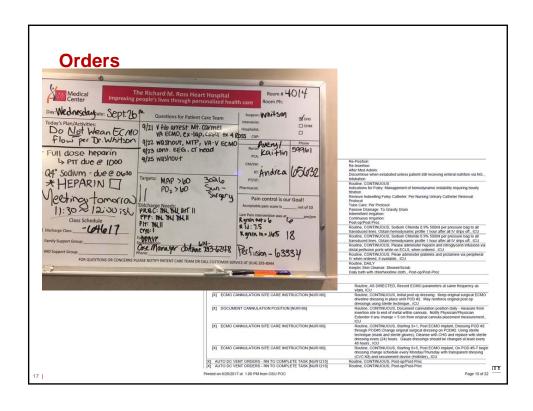




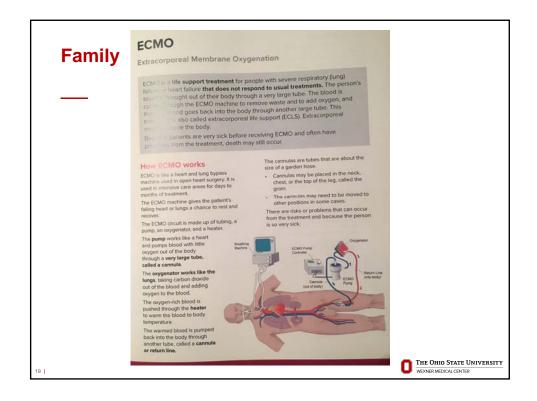










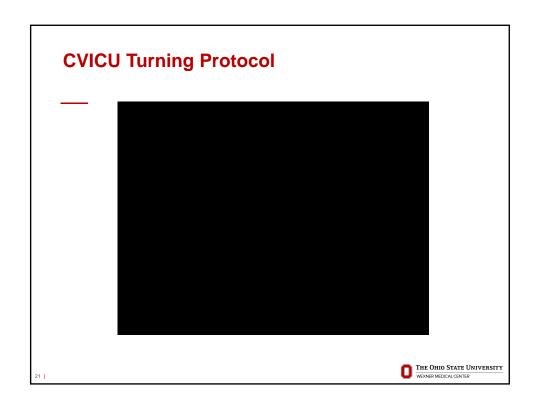


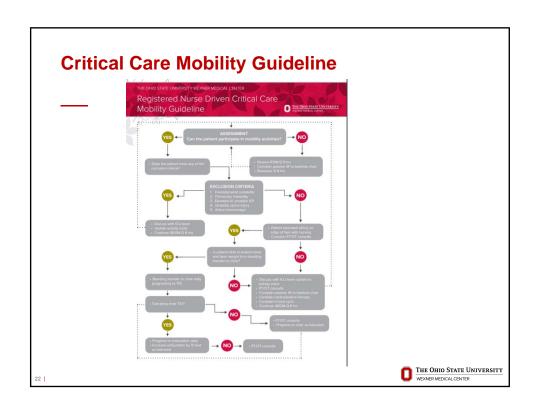


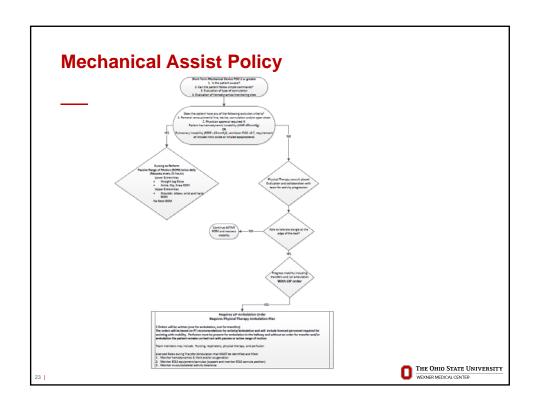
"Mobility Crew" Avoiding Deconditioning



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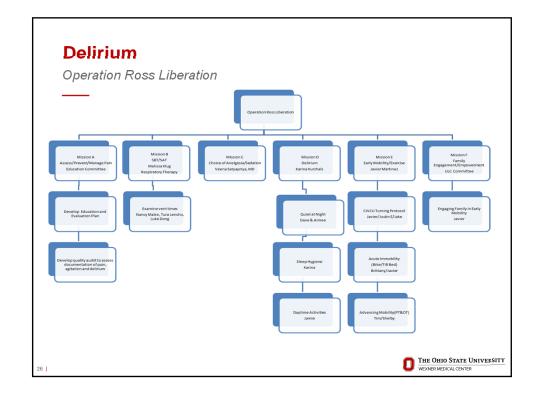


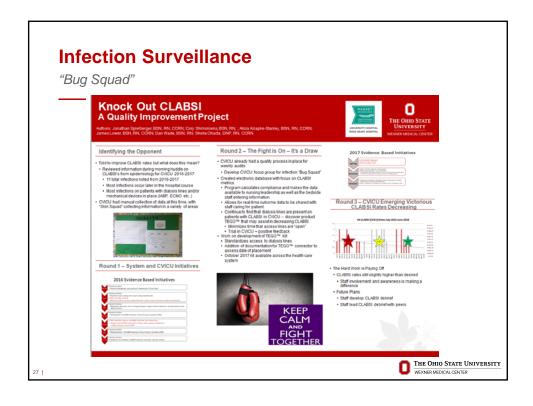












Post Discharge

Phone calls to patients – unit nurse coordinator

Assist getting into programs

Victory Lap



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Lessons Learned

Always Learning and Improving Care Delivery

Continue to improve documentation of process

 Addition of distal perfusion line to EMR Increasing family involvement with care

• Engaging family in early mobility

Revisions in Mechanical Assist Policy

Team revisions – Nursing, Perfusion, Physicians, and VAD coordinators

Incorporation of ABCDEF bundle into care

• Delirium Reduction



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What Questions Do Have? Thank You Wexnermedical.osu.edu