UNIVERSITY OF UTAH EMERGENCY DEPARTMENT ECMO (ED ECMO)

Prehospital/EMS

Out of Hospital Cardiac Arrest

1) ED Base Call
2) ED Pages “ED ECMO EVAL”

Inclusion Criteria?

1) RN Led Resuscitation
2) Mech CPR
3) Bilateral Femoral Vascular Access
4) TEE Confirmation of Correct Vessel Cannulation

Emergency Department

Confirm Criteria

Yes → Patient

No → Standard Resuscitation

Confirm: 1) Inclusion, 2) Exclusion,
3) Avail of CVICU Bed, 4) ECMO RN, 5) Cath Lab,
6) Agreement on appropriateness

Arrives

With “ED ECMO EVAL”

Patient

Intensivist (ICU)

Emergency Medical Services (EMS)

Emergency MD

Emergency RN

Emergency Tech

CT Surgery (CT)

CVICU ECMO RN

Interventional Cardiology (IC)

Discharge

Hospital Floor

Neurocritical Care (NCC)

Anesthesiology (Anes)

Mechanical CPR

Mechanical CPR (if available)

Cardiac Catheterization

CVICU ECMO RN

CT

ICU

NCC

ED ECMO ACTIVATION: Activates Cath Lab, Pharmacy, Anesthesia, others

IC

Anes

CT Surg

ED MD

CVICU ECMO RN

PME

Desothep

CT

ICU

NCC