

TEE-GUIDED CARDIAC ARREST RESUSCITATION

NON-SHOCKABLE RHYTHM

1. Epinephrine
2. Perform Cardiac Arrest Ultrasound

SHOCKABLE RHYTHM

1. Defibrillate / Cardiovert
2. Continue ACLS

TEE

CPR IN PROGRESS - PRIMARY SURVEY

TEE Mid-Esophageal 4c
Trans-Gastric Short Axis

Pericardial Effusion / Tamponade

Pericardiocentesis

TEE Mid-Esophageal Long Axis

Inadequate LV compression /
Obstruction LVOT

Reposition AMC

TEE

RHYTHM CHECK 1

TEE Mid-Esophageal 4c

Ventricular Fibrillation

Defibrillate

Pseudo-PEA

Hs and Ts
Consider treating as profound shock

US

CPR IN PROGRESS - SECONDARY SURVEY

ABDOMINAL FREE FLUID

Free Fluid in Chest or Abdomen

Consider surgical etiology

AORTA

AAA > 4 cm

Consider ruptured AAA

FEMORAL VEINS

DVT

Consider thrombolysis for PE

US

TEE

RHYTHM CHECK 2

PLEURA

Pneumothorax

Thoracostomy

Mid-Esophageal 4C

ROSC

Post Cardiac Arrest Care

Cardiac Standstill

Consider Terminating Resuscitation

TEE

ADDITIONAL VIEW

Mid-Esophageal Bicaval

Procedural Guidance

TEE: Transesophageal Echocardiography

AMC: Area of Maximal Compression

US: Transthoracic / Transabdominal Ultrasound