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graph TD
    A{Active/Near-a Cardiac Arrest} --> B[SHOCK PHONE: 833-TN-SHOCK]
    A --> C{High pressorsb/  
High FiO2c}
    C -- Y --> B
    C -- N --> D{Any SBP <90  
or drop by >40  
or RV dysfunctiond,  
or High Risk Featurese}
    D -- Y --> E[ICU Admission,  
Stat TTE + Bubble  
PERT Team Decision:  
ICC  
Interv. Cards  
CICU  
+/- CT Surg]
    D -- N --> F{Low risk}
    F --> G[Telemetry Bed]
    B --> H((tPA  
50-100mg IV))
    B --> I((VA ECMO))
    E --> H
    E --> I
    E --> J((Cath Lab))
    E --> K((O.R.))
    E --> L([Anticoagulation])
    H -- "If Refractory" --> I
    I -- "Options" --> J
    I -- "Options" --> K
    J -- "Options" --> L
    K -- "Options" --> L
    G -- "Contains external" --> L
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The flowchart outlines the management of out-of-hospital cardiac arrest (OHCA) patients. It begins with a decision diamond: "Active/Near-^a Cardiac Arrest". If the patient is in active or near cardiac arrest, the flow proceeds to a "SHOCK PHONE: 833-TN-SHOCK" box. If the patient is not in active or near cardiac arrest, the flow proceeds to a decision diamond: "High pressors^{b/} High FiO2^c". If the answer is "Y" (Yes), the flow proceeds to the "SHOCK PHONE" box. If the answer is "N" (No), the flow proceeds to a decision diamond: "Any SBP <90 or drop by >40 or RV dysfunction^d, or High Risk Features^e". If the answer is "Y" (Yes), the flow proceeds to a box: "ICU Admission, Stat TTE + Bubble PERT Team Decision: ICC, Interv. Cards, CICU, +/- CT Surg". If the answer is "N" (No), the flow proceeds to a decision diamond: "Low risk". If the answer is "Y" (Yes), the flow proceeds to a box: "Telemetry Bed". If the answer is "N" (No), the flow proceeds to a box: "Anticoagulation". The "SHOCK PHONE" box leads to two options: "tPA 50-100mg IV" and "VA ECMO". The "PERT Team Decision" box leads to four options: "tPA 50-100mg IV", "VA ECMO", "Cath Lab", and "O.R.". The "Anticoagulation" box leads to "Anticoagulation". The "Telemetry Bed" box leads to "Anticoagulation". The "Anticoagulation" box is labeled "Contains external". The "Cath Lab" and "O.R." boxes are labeled "Options". The "VA ECMO" box is labeled "If Refractory".

- **"Near-Arrest":**
 - "chemical code," push dose pressors

High Pressors:

- > 0.1 total drip rate of epi, norepi, vaso, etc

C **"High FiO2":**

- Vapotherm FiO2 > 60%
- NPPV or Intubation

- **RV dysfunction**:
 - RV dilation
 - Septal flattening
 - McConnell sign
 - TAPSE <1.5cm
 - Global RV hypokinesis

- Syncope
- Severe orthostasis or exertional dyspnea
- SBP < 110
- HR > 110
- Elevated lactate
- Elevated troponin
- Clot in transit
- Saddle PE
- Pregnant