Approved 9/2/26, Effective 1/15/27, replaces all prior versions

5F TACHYCARDIA - STABLE ADULT & PEDIATRIC

TREATMENT PRIORITIES

1. Vital signs
2. IV Access
3. Analyze rhythm
4. Rhythm specific treatment
5. Consult OLMC for pediatric pts
6. If protocol measures DO NOT control rate of adult PSVT, or convert WIDE COMPLEX TACHYCARDIA, **CONTACT OLMC**
7. OLMC Adult options include:

Narrow Complex Tachycardia
- DILTIAZEM 0.25 mg/kg SLOW IVP over 2 mins
- AMIODARONE 150 mg SLOW IVP/IVPB over 10 mins
- **SYNCHRONIZED** CARDIOVERSION
- MONITOR/TRANSPORT

Wide Complex Tachycardia
- Repeat AMIODARONE 150 mg SLOW IVP/IVPB over 10 mins
- **SYNCHRONIZED** CARDIOVERSION
- ADENOSINE 12 mg RAPID IVP IF REGULAR & MONOMORPHIC
- LIDOCAINE up to 1 mg/kg IVP at < 50 mg/min
- MONITOR/TRANSPORT

UNSTABLE (SYMPTOMATIC) tachycardia is defined by any of the following symptoms:

1. Dyspnea
2. Chest pain
3. Weakness
4. Altered mental status
5. Hypoxemia
6. Pulmonary edema

EMERGENCY MEDICAL DISPATCHER

EMD

ADVISE TO AVOID PHYSICAL EXERTION
OR ENVIRONMENTAL STRESS (TEMP EXTREMES).

EMERGENCY MEDICAL RESPONDER

EMR

EMT

EMT

GENERAL SUPPORTIVE CARE
OBTAIN VITAL SIGNS
O_2 VIA NC or NRB IF DYSPNEA OR PULSE OX < 94% AT ROOM AIR
APPLY CARDIAC MONITOR/OBTAIN 12 – LEAD ECG (if equipped)
TRANSMIT 12 – LEAD ECG TO RECEIVING EMERGENCY DEPARTMENT

EMT-INTERMEDIATE 85

EMT-I85

ADVANCED EMT

AEMT

IV ACCESS

PARAMEDIC

PARAMEDIC

ADULT: ANALYZE & TREAT PER FLOWCHART BELOW
PEDIATRIC: CONSULT OLMC FOR TREATMENT PLAN

ADULT HEART RATE ≥ 150/MIN?
AFEBRILE PEDIATRIC HEART RATE ≥ 180/MIN?

NO → TREATMENT PER OTHER APPLICABLE PROTOCOLS

YES

UNSTABLE WITH SYMPTOMS **AND**
ADULT: SYS BP <100 mmHg?
PEDIATRIC: SYS BP < (70 + 2x age in years) mmHg?

YES → TREAT PER PROTOCOL 5G UNSTABLE TACHYCARDIA

NO

ATRIAL FIBRILLATION
OR
ATRIAL FLUTTER

OLMC ORDER ONLY
ADULT
DILTIAZEM 0.25 mg/kg
SLOW IVP OVER 2 MINS
MAX DOSE 25 mg UP TO AGE 70 YEARS
MAX DOSE 10 mg AGE 70+ YEARS

PSVT

MODIFIED VALSALVA MANUEVER

ADENOSINE
12 mg RAPID IVP
MAY REPEAT AT 12 MG

WIDE – COMPLEX TACHYCARDIA
UNCERTAIN TYPE
OR
MONOMORPHIC
VENTRICULAR TACHYCARDIA

AMIODARONE
150 mg OVER 10 MINUTES (**VERY SLOW** IVP/IVPB)

TORSADES

MAGNESIUM SULFATE
1 gram SLOW IVP/IOP OVER 1 MINUTE
MAY REPEAT X1