The Ottawa Hospital Research Institute | L'Hôpital d'Ottawa Institut de recherche

PREHOSPITAL SYNCOPE STUDY

PARAMEDIC SERVICE | SERVICE PARAMÉDIC

POCKET GUIDE

VALIDATION OF THE CANADIAN PREHOSPITAL SYNCOPE RISK SCORE

INCLUSION CRITERIA

- ✓ Age ≥ 18 years old
- ✓ Suffer true Syncope
- ✓ Access paramedic through 911

EXCLUSION CRITERIA

- ✗ Pediatric patients (18 years old)
- ✗ Syncope not likely (prolonged unconsciousness >5 minutes, change in mental status from baseline, witnessed seizure, or loss of consciousness after head trauma)
- ✗ Unable to provide accurate details due to language barrier, cognitive impairment, alcohol, or drug intoxication

CPSRS

i) History of cardiac disease or non-sinus rhythm: O Y O N

If yes specify (check all that apply):

☐ Coronary artery disease	☐ Valvular heart disease	☐ Congestive heart failure
☐ Cardiomyopathy	☐ Current/past non-sinus rhythm	☐Others (specify)

ii) Vasovagal predisposition[$] O Y O N

[$]Warm crowded place, prolonged standing, fear, emotion, or pain

iii) ECG (Please do 12-lead ECG) enter values ± select):

QRS axis O Positive O Negative, enter value |__|__|__|__|;

QRS duration |__|__|__| milliseconds;

Corrected QT interval |__|__|__|__| milliseconds

Is the ECG O Normal or O Abnormal?

If abnormal, specify (check all that apply):

☐ Mobitz type II	☐ Third degree heart block	☐ Others (specify)

iv) Any concerning symptoms that require further evaluation/investigations O Y O N

If yes specify (check all that apply):

☐ Cardiac	☐ Respiratory	☐ Neurological
☐ Gastrointestinal	☐ Psychiatric	☐ Others (specify)

HOW CAN YOU HELP?

1. **Identify potential patients for the study**
   - Inclusion/ Exclusion Criteria
2. **Obtain the patient's verbal consent and document on the study form, if eligible**
   - For the use of medical data and for 30-day telephone follow up
3. **Transport as per local protocol (IMPORTANT!!!)**
   - DO NOT change transport/destination decisions based on the study, follow usual practice
4. **Obtain patient's phone number/email address if consented**
   - Research team at OHRI will contact patient for follow up
   - Contact information shoul dbe documented int eh study form on ePCR
5. **Complete the Canadian Prehospital Syncope Risk Score predictors on ePCR**
   - Your impression and judgement regarding management

⚠ THE MANAGEMENT OF PATIENT DOES NOT CHANGE, ALL PATIENTS WILL NEED TO BE TREATED AS PER CURRENT POLICY AND NONE OF THE ABOVE COLLECTED DATA SHOULD BE CONSIDERED FOR DECISION-MAKING

Questions? Please contact paramedicresearch@ottawa.ca