

A fast, secure, easy to use, privacy compliant smartphone app for real-time ECG review and decision making for STEMI activation

#### **BACKGROUND**

# Why is the SMART AMI-ACS App necessary?

- ECGs are essential for diagnosing STEMI and activating the STEMI team at Hamilton Health Sciences (HHS).
- Current processes for sharing ECGs between Emergency Medicine physicians and Interventional Cardiologists consists of fax (secure but slow, and sometimes unavailable) and text message (not compliant with privacy standards).
- The SMART AMI-ACS App has been tested since May 2020 in a pilot study in the Niagara region and has shown feasibility of ECG transmission and acceptability of ECG image quality in decision making.

# When to use the SMART AMI-ACS App?

- An ECG is performed on a patient demonstrating symptoms of STEMI (by an Emergency Medicine physician) and confirmation is needed from an HHS Interventional Cardiologist to initiate a STEMI activation protocol.
- 2. To access step-by-step ACS protocols.

## **STEP 1: DOWNLOADING THE APP**

■ To download the App, visit the Apple or Google Play store and search "SMART AMI-ACS" (dark blue icon)



Allow SMART AMI-ACS access to your camera.

### STEP 2: LOGGING-IN



Log-in using the email address your invitation was sent to, and the temporary password provided in the invitation email.

 Email address must be entered in all lower case.

E.g.: john.doe@medportal.ca

You will then be prompted to set a unique password.

Your password must contain at least:

- 1 upper case letter,
- 1 lowercase letter,
- 1 number, and
- Be at least 8 characters long

#### STEP 3: RESETTING THE PASSWORD



If you forget your password, enter your email and click "Forgot Password".

You will receive an email with a code. Type in that code

Enter a new password



Click on "Set New Password"

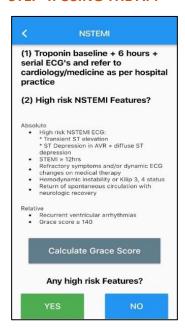
# **SUPPORT:**

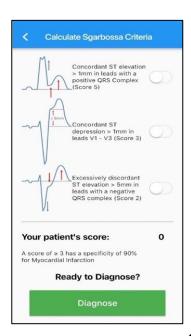
- For support, please contact: cebi@hhsc.ca
- Support is available Monday-Friday 8:30am-4:30pm with a 24-hour email response time
- Please do not send any PHI

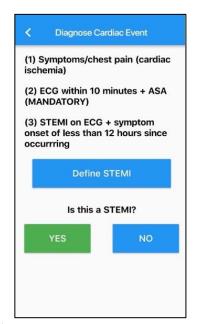
## NOTE:

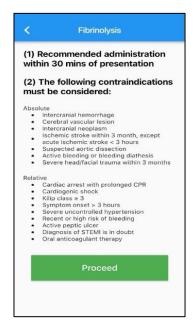
Data on App use, ECG image quality, and effect on STEMI activation/transfer will be collected on group-level, and utilized for impact assessment and improvement purposes.

#### STEP 4: USING THE APP







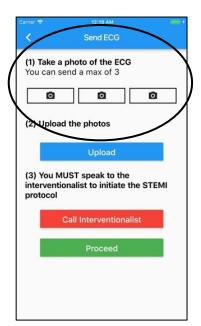


EXISTING MECHANISMS TO INITIATE A CODE STEMI WILL

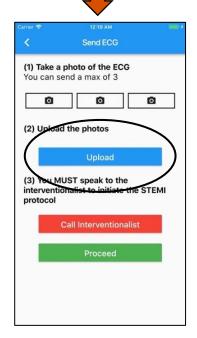
CONTINUE TO REMAIN IN PLACE

IN THE EVENT OF A DOWNTIME
OF THE APP, PLEASE REVERT TO
YOUR CURRENT PROCESS OF
SENDING THE ECG





 Take a photo of the ECG, including date and time of the ECG



2. Select "Upload"



3. Select
"Call interventionalist"
to initiate the STEMI protocol.
\*ECGs will **not** be reviewed
without a phone call\*