

Software Validation of Apgar Timer

NO STOP ONLY PAUSE + RESET

Apgar Mode
Ready to Start

Expected Outcome

Actual Outcome

Start
Freeze

START
RESET

✓

~~Stop~~ RESET

Start + Freeze

STARTS MAYBE PAUSED

Start + ~~Stop~~ RESET

STARTS

Freeze + ~~Stop~~ RESET

NOTHING OR RESETS

Start+Freeze+~~Stop~~

STARTS OR RESET OR -

RESET

BASICALLY
DEPENDS
WHICH
BUTTON
WAS 1ST

Counting

Expected Outcome

Actual Outcome

Start

Freeze

FREEZE

✓

~~Stop~~ RESET

RESET

✓

Start + Freeze

Start + ~~Stop~~ RESET

Freeze + ~~Stop~~ RESET

Start+Freeze+~~Stop~~

RESET

Frozen and counting

Expected Outcome

Actual Outcome

Start

UNPAUSE

Freeze

UNPAUSE

~~Stop~~ RESET

RESET

Start + Freeze

Start + ~~Stop~~ RESET

Freeze + ~~Stop~~ RESET

Start+Freeze+~~Stop~~ RESET

Stopped

Expected Outcome

Actual Outcome

Start

Freeze

~~Stop~~ RESET

Start + Freeze

Start + ~~Stop~~ RESET

Freeze + ~~Stop~~ RESET

Start+Freeze+~~Stop~~ RESET

SAME ?