

Brain Matters- Improving the Door to Needle Times at the University of Alberta Hospital

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The Team

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Overview

- Background
- Methods
- Results



Background

Two Types of Stroke:

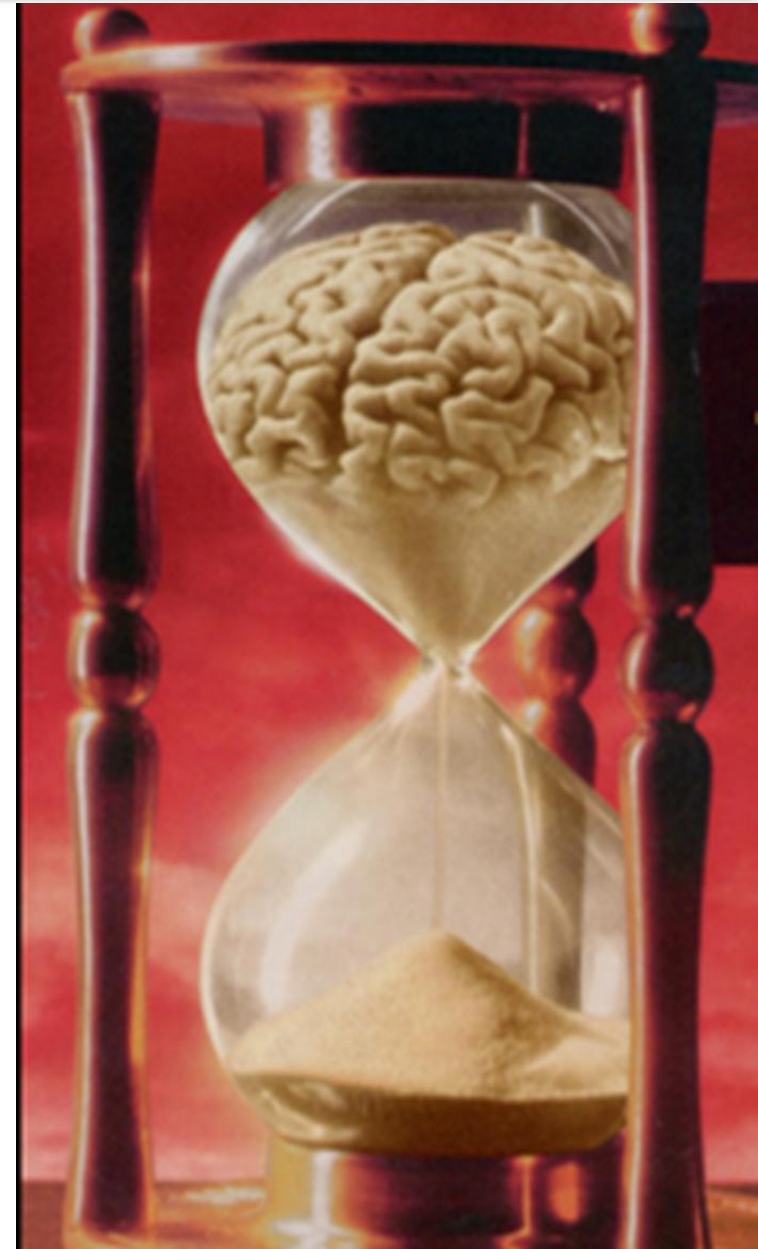


Blood Clot in the brain
= “**Ischemic**” stroke
(85%)

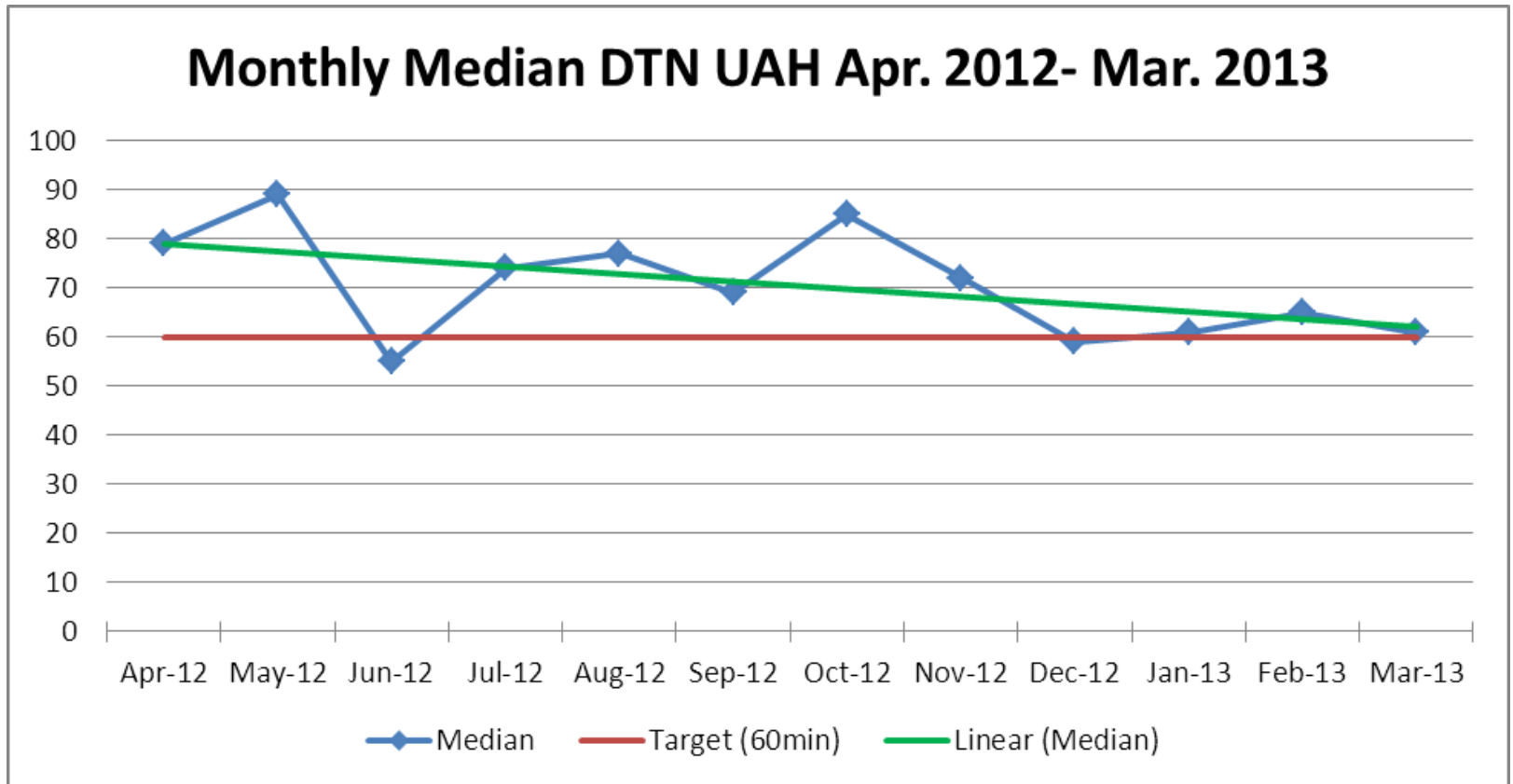


Bleeding in the brain
= “**Hemorrhagic**”
stroke (15%)

Time is Brain



Baseline Stats



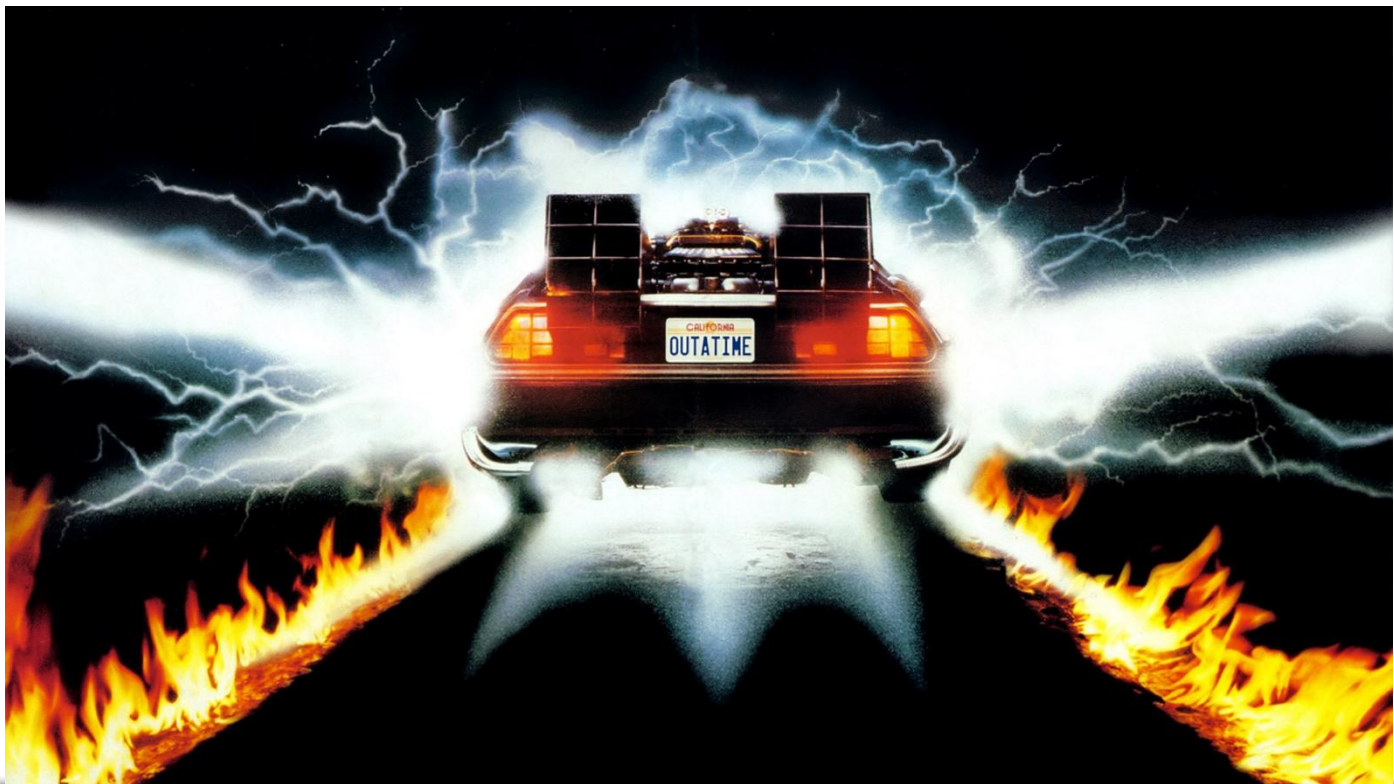
Objective

- Improve patient care and functional outcomes
- Expedite the DTN process at the UAH

Methods

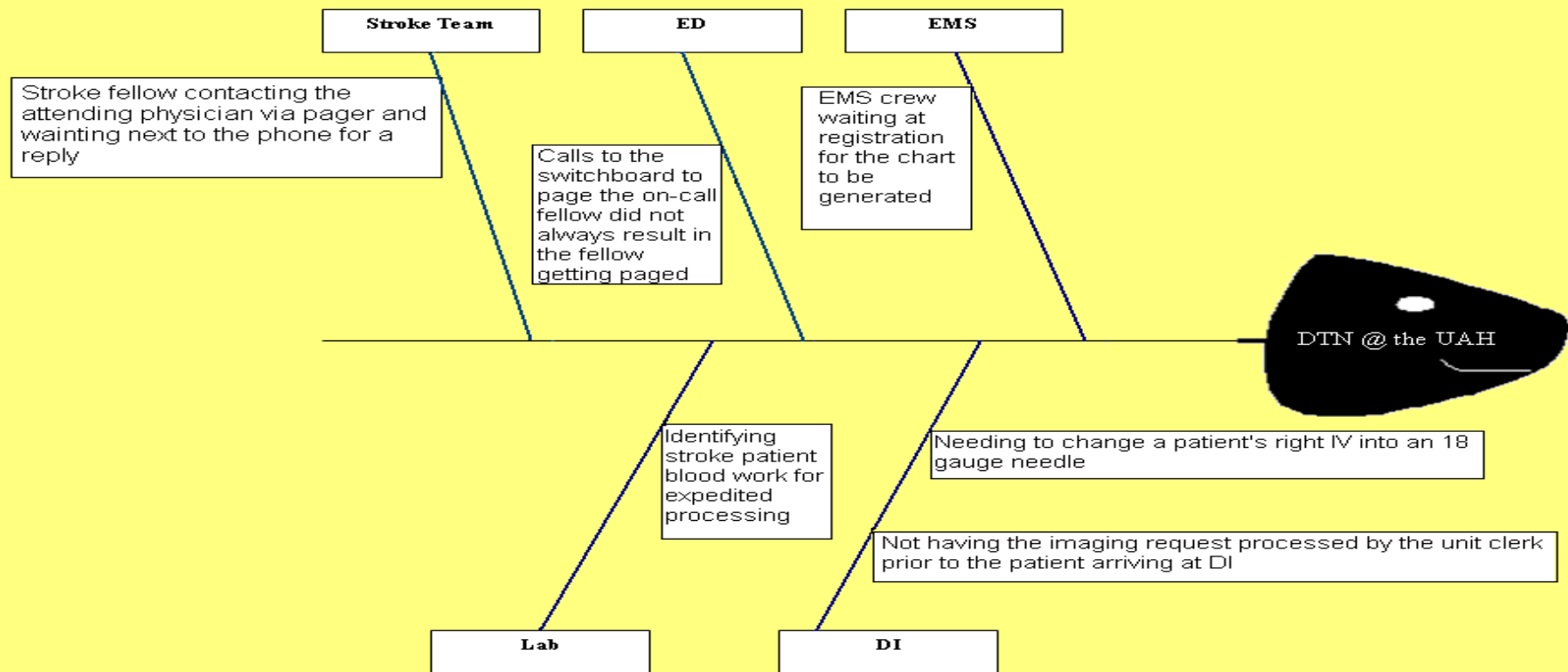
Let's go back in time

Spring 2013



Fishbone Diagram

Title: Fishbone diagram for the Door to Needle Times at the UAH



Created by: Marv-Lou Halabi, Stroke Service Coordinator for the Edmonton Stroke Program

Evolution of a Process

EMERGENCY PROCEDURE
For Stroke Emergency Team

READY

Sroke Charge Nurse/Triage Nurse
EMS - enroute with suspected stroke patient

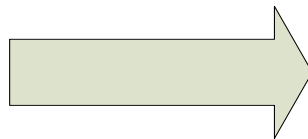
Emergency Call 33# – ask for **STROKE EMERGENCY TEAM** to be paged to **999**- they will not call back, just come to ED

*****TIME OF PAGE MUST BE RECORDED*****

Team Stroke Emergency Team arrives - await patient's arrival and Emergency team initial assessment

GO

Alberta Health Services



EMERGENCY PROCEDURE
For Stroke Emergency Team

READY

Sroke Charge / Triage RN
Call :780-445-2215
Page 999
The Stroke Fellow will go to A Pod
They will not call Triage back

*****TIME OF PAGE MUST BE RECORDED*****

Emergency Transfer Patient to A Pod Immediately
Overhead page "Stroke Patient to Area A"

Team Ensure Registration generates a CHART STAT

AVOID Delays

GO

Alberta Health Services



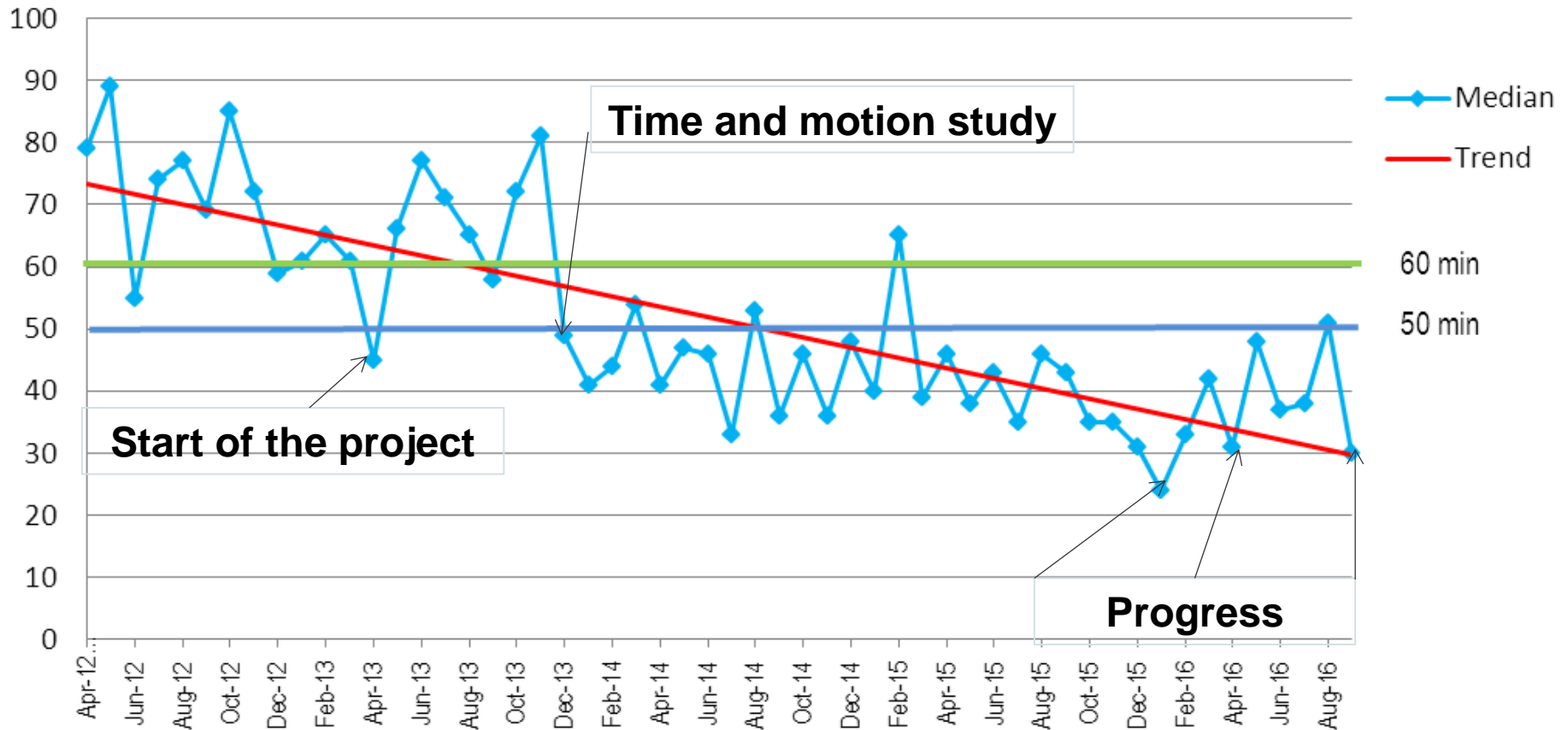
"According to our time-and-motion studies, you handle your time very well but a lot of your motion is wasted."

CN
COLLECTION

http://www.condenaststore.com/-sp/According-to-our-time-and-motion-studies-you-handle-your-time-very-well-New-Yorker-Cartoon-Prints_i8479128_.htm

Results

Monthly Median DTN at the UAH Apr 2012-Sep 2016



Sustainability



Take Home Message

- Engaging stakeholders
 - Intensive involvement by the ED
 - Diagnostic imaging
 - Lab services
- Building relationships
- Education sessions
- Feedback



Questions



Thank-you !

Contact information

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