



Heartbeat Overview - Cork University Hospital



Heartbeat Symposium 22 Nov 2010

Heartbeat at Cork University Hospital (CUH)

About CUH

- CUH is the tertiary referral centre for the HSE - SA
- Population served is in excess of 1.2 M
- CUH has a well established CHAIR Registry and dedicated CHAIR staff to collect information in relation to ACS (STEMI, NSTEMI and Unstable Angina) patients
- Of note is the realization of the Cardiac Renal Centre at CUH, representing the most significant service development in the Region in relation to Cardiology, Cardiothoracic Surgery and Renal Medicine respectively.

Why have Heartbeat at CUH?

- To focus improvement on the core evidence-based areas of STEMI care for the benefit of STEMI patients

Heartbeat at Cork University Hospital (CUH)

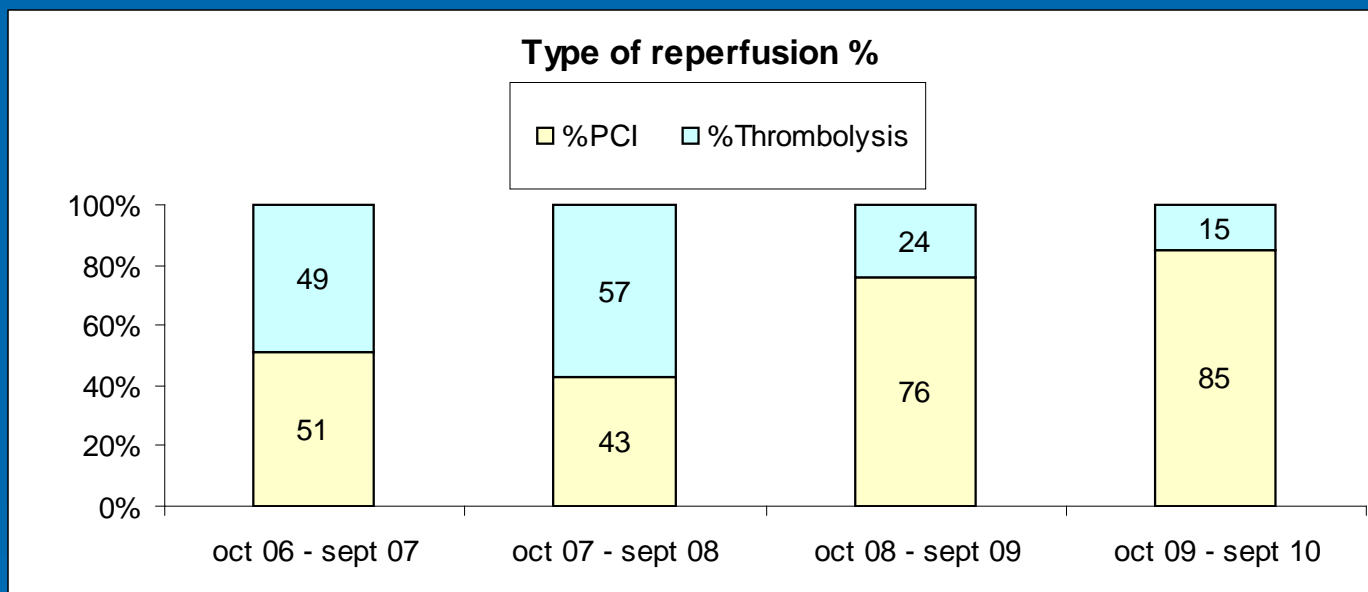
What we did in initial stages

- Ensured all Heartbeat data items added to CHAIR dataset
- Collected data and forwarded to data centre
- Distributed quarterly reports in hospital
- Presented data (and in some cases relevant data from medical record) at Cardiology/ED meetings
- Assisted in internal audit of Heartbeat data by ED

Heartbeat at Cork University Hospital (CUH)

What the data showed over 4 years

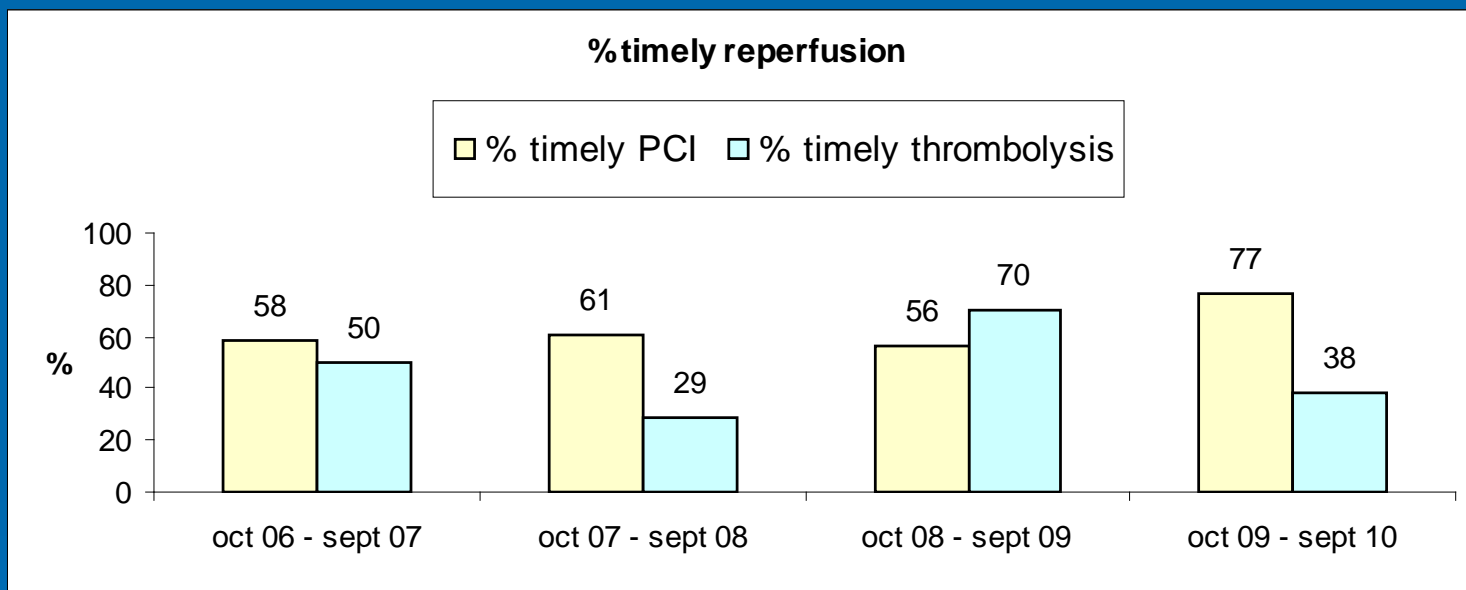
- Increased % primary PCI



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What the data showed over 4 years

- Increase in % timely PCI reperfusion



- Also 100% achievement in 7 of the 8 components of AMI care

Heartbeat at CUH

What Heartbeat has done in CUH

- Heightened awareness of good AMI care within the hospital
- Contributed towards the efficient use of resources
- Helped reduce the length of stay for STEMI patients
- Reduced cost to the organisation

How Heartbeat and the team have helped improve care

- Delays identified and addressed with relevant stakeholders
- Regular reports and run charts (other than regular bulletins)
- E/D chest pain protocol updated
- Chest pain prioritised
- Patient “chest pain” alert signs in E/D

Significant Team Achievement

- CHAIR/Heartbeat Team awarded the Mr. J. O'Donnell Inaugural Award for Clinical Audit 2010

Heartbeat at CUH

What we learned

- You must communicate well and often
- Give people the information they need to know
- People want to give the best care possible
- Change takes time

Challenges for the Future

- Consider service transfer to CRC (CUH) / service integration
- Consider amalgamation of Citywide Cardiology Services at CRC (CHAIR have already made this transition with CHAIR Registration Officer from CUH, SIVUH and MUH all working primarily on one site)
- Consider the impacts of the AMU development in relation to the Patient experience

THANK YOU

Kathleen Twomey and Linda Evans