

MSTCVS Quality Collaborative
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Kensington Court Hotel, Ann Arbor



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These slides are to be used for quality improvement by the MSTCVS member surgeon champions and data managers. Each slide includes the MSTCVS confidentiality statement.



MSTCVS 30 Day Readmission Hospital CQI

Kouros Baghelai, MD

Readmission after Cardiac Surgery

MSTCVS
Lakeland Health

November 21, 2015

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Factors influencing readmission

- **New medical problems**
- **Exacerbation of existing medical problems**
- **Medication error**
- **Psychosocial**
- **Knowledge deficit**
- **Route of entry back in the system**
- **Latency of readmissions**

Factors influencing readmission

- **Medical problems**
 - Rarely sudden
 - Frequently manageable as out-patient early on
 - Recognition requires understanding cardiac surgery
- **Medication error**
 - Discharge regimen different c/w pre-op
 - Patient's cognitive capacity @ discharge
- **Psychosocial**
 - Realistic expectations
 - Patient AND family
 - Anxiety

Factors influencing readmission

- **Knowledge deficit**
 - **Much worse than expected**
 - **Patient & family misconceptions**
 - **Internet**
- **Route of entry**
 - **Surgeon office**
 - **Cardiologist**
 - **PCP**
 - **ER**
 - **Other hospital**

Interventions

- **Increase education**
 - **Start pre-op**
 - **Continue post-op**
 - **Include family**
 - **Consistent message by ALL providers**
 - **High gear last 48 hrs before discharge**
 - **Easy process for communication post discharge**

Interventions

- **Improve after discharge surveillance**
 - **Home health services**
 - **Early 1st postop visit in 5-7 days after discharge**
 - **Encourage early call with concerns**

Interventions

- **Surgeon as the primary physician responsible**
 - **All questions to surgeon / surgeon office**
 - **Patient & family**
 - **Home health nurses**
 - **ER & hospitalist**
 - **Cardiologist**
- **EHR protocols**
 - **Automatic flagging of post-op patients**
 - **In-patient & out-patient records integration**

Interventions

- **Expeditious evaluation & treatment**
 - **Requires surgeon's perspective**
 - **Early institution of therapy**
 - **Fluid communication**
 - **Emphasis on out-patient therapy**
 - **Utilization of regulatory definitions**

