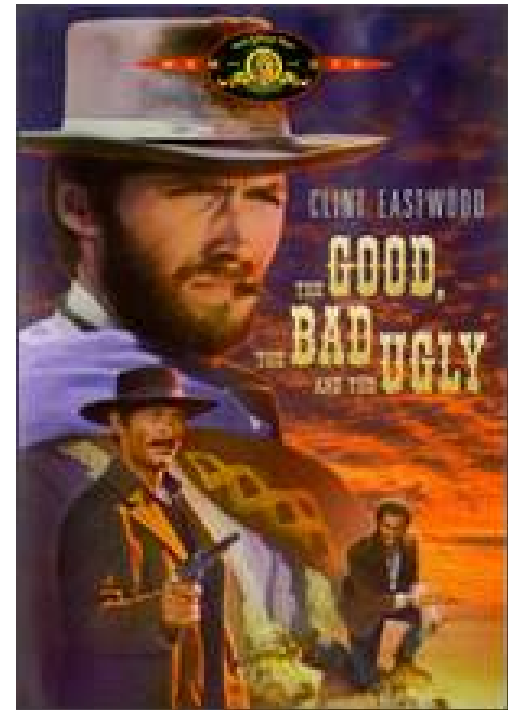


A History of Health Information Exchange in the Alaska Tribal Health System:

The **Good**,
the **Bad**,
and the **Ugly**

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The History

- HIS 1972-1975
 - Health Information System
- PCIS 1976-1990
 - Patient Care Info. System
- RPMS 1986-.....
- MFI 1990-2007
 - Multi-Facility Integration
- GCPR 1999-2000



MFI-The Good

- Automatic sharing of encounters
- Insertion of encounters in RPMS Visit files
- Composite Health Summary
- Master patient index
- Central database
- Demographics research
- Statewide registries
- Share with State PHNs
 - Immunizations



MFI-The Bad

- 3 staff & part of a programmer
- Before LOINC and NDC Drug Codes
- Before HL7
- No security standards
- No RPMS certification
- Only RPMS to RPMS
- Millions of records
- Codes out of synch
- No version control



“Above all, cause no
harm to the
database”

MFI-The Ugly

- September 2007 ANMC
- Disaster
- Causation
- Remediation
- Modification
- Decommission



The Future

- Data definition standards
- Data exchange standards
- Security standards
- National network
- National funding
- Large scale = cost savings
- Compatriots

Alaska Tribal Health System Plans



- Alaska eHealth Network
- NHIN
- NHIN-Connect
- RPMS Web
- ATHS data repository
- All standards based