

# 2012 Military Health System CONFERENCE



## Move Day Informatics

Electronic Record Support of  
Walter Reed's Transition

### The MHS: Healthcare to Health

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| Patient List  |          |        |
|---------------|----------|--------|
| Find Patient  | SCOTT, J | 5734-1 |
| Admit         |          | 5735-1 |
| Transfer      |          | 5737-1 |
| Discharge     |          | 5737-2 |
| CENSUS REVIEW |          | 5737-3 |
| LAB STATBD    | Wd40     | 5738-1 |
|               | Wd41     | 5738-2 |
|               | C-SSOC   | 5741-1 |

|                  |                             |                          |
|------------------|-----------------------------|--------------------------|
| 1 27 Aug 2011    | Annotation                  | PCA Drug/Conc            |
| 0 27 Aug 2011    | Social Work Note            |                          |
| 3 27 Aug 2011    | MD Clinical Note-Consultant |                          |
| 0 27 Aug 2011    | Annotation                  | Acute pain service       |
| 0 27 Aug 2011    | Annotation                  | PREGABALIN 200MG (LYRIC) |
| 0 27 Aug 2011    | Annotation                  | PREGABALIN 200MG (LYRIC) |
| 0 27 Aug 2011    | Annotation                  | ACETAMINOPHEN 325MG (T   |
| 0 27 Aug 2011    | Annotation                  | ENOXAPARIN 30MG (LOVEN   |
| 0 27 Aug 2011    | Annotation                  | MEROPENEM (MERREM) IV    |
| 0600 27 Aug 2011 | Annotation                  | Files from WRAMC         |
| 1227 26 Aug 2011 | Scanned Forms               |                          |

### Informatics Offices

JTF Capital Medicine, Walter Reed National Military Medical Center  
(Former Walter Reed Army Medical Center and National Naval Medical Center)



# Move Day: The Challenge

- BRAC Law: Close WRAMC by Sept. 2011
    - 226 licensed beds, Avg. Census ~ 160
    - NNMC capacity sufficient just in time
  - PREPARE FOR UP TO 150 PATIENTS  
(probable estimate: 40-50 patients)
  - Separate Essentris systems
  - Discharges and re-admissions required
- Informatics mission:
- SUPPORT DOCUMENTATION with the EMR



# Move Day: The Planning

- Plan A: Enterprise Essentris
  - To Enable remote lookup, data transfer
  - Challenges: upgrades approvals, trusts
- Plan B: Create, transfer, embed PDFs
  - Adapt and debug existing pdf technology
  - Create new clinical and business work flows
    - e.g. Pdf chart set contents: H&P, flow sheets, etc.
- (Move Day plans also included selected printed notes w/ patient, entire chart print as back-up)
- Stakeholder planning meetings were key  
Clinical leadership, Patient Admin, Logistics
- MOVE DAY SET FOR 28 August 2011



# Move Day: The Execution

- Plan A “no go” decision: August 10, 2011
- Plan B readied with vendor support
  - Work flows exercised: June 12
  - Documentation rules final: August 18
  - PDF debug complete: August 22
- First patients transferred: August 25
- Move Day launched: August 27
  - Ahead of hurricane Irene
  - 18 Patients transferred in 3 hours



# Move Day: The Outcome

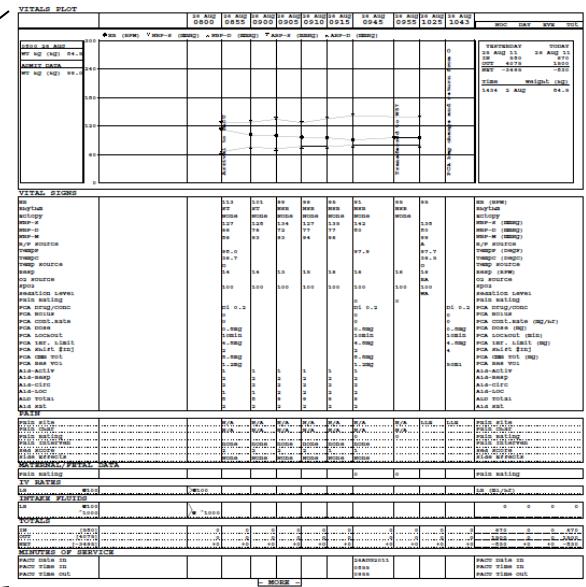
- Readable pdf chart sets in new Inpt Record for ALL transferred patients prior to transfer, available long term
- EMR to pdf capability enhanced for MHS

Care Plan(Active Problems):

| Topic                    | Assigned (Days Ago)  | Last Update (Days Ago) | Resolved (Days Ago) |
|--------------------------|----------------------|------------------------|---------------------|
| NNMC POC Pain            | 1268 27 Aug 2011(36) | 2249 21 Sep 2011(10)   |                     |
| NNMC POC Musculoskeletal | 1953 30 Aug 2011(32) | 2249 21 Sep 2011(10)   |                     |
| NNMC POC Infection       | 2352 01 Sep 2011(30) | 2249 21 Sep 2011(10)   |                     |

Notes for Entire Stay

| Note Time        | Type                        | Topic  | Stored At        | Last Stored By    |
|------------------|-----------------------------|--|------------------|-------------------|
| 2030 27 Aug 2011 | Shift Nursing Assessment    |  | 2036 27 Aug 2011 | Dowdell, Vanita   |
| 2028 27 Aug 2011 | Annotation                  | Glomerular Filtration Rate   | 2100 27 Aug 2011 | CHCS HL7 -> CIS I |
| 1910 27 Aug 2011 | Annotation                  | PCA Drug/Conc  | 1931 27 Aug 2011 | Dowdell, Vanita   |
| 1353 27 Aug 2011 | Annotation                  | PCA Drug/Conc  | 1510 27 Aug 2011 | KINDVALL, ANGEL   |
| 1231 27 Aug 2011 | MD Clinical Note-Consultant | Orthopaedic Surgery  | 1911 28 Aug 2011 | GULIANI, JEFFREY  |
| 0941 27 Aug 2011 | Shift Nursing Assessment    |  | 0949 27 Aug 2011 | SPIEZO, JAMIE M   |
| 0921 27 Aug 2011 | Annotation                  | Pain Characteristics   | 0925 27 Aug 2011 | FERRER, JESUS F   |
| 0921 27 Aug 2011 | Annotation                  | PCA Drug/Conc  | 0928 27 Aug 2011 | ARIHOOD, BRENT    |
| 0920 27 Aug 2011 | Social Work Note            |  | 0921 27 Aug 2011 | STOCKUS, JAMES    |
| 0913 27 Aug 2011 | MD Clinical Note-Consultant | Acute pain service   | 1207 27 Aug 2011 | SCHNEIDER, JAY NI |
| 0900 27 Aug 2011 | Annotation                  | PREGABALIN 200MG (LYRICA) ORAL CAP **NON-FO...<br>PREGABALIN 200MG (LYRICA) ORAL CAP **NON-FO... | 1008 27 Aug 2011 | ABENOJAR,NARL     |
| 0600 27 Aug 2011 | Annotation                  | ACETAMINOPHEN 325MG (TYLENOL) ORAL TAB   | 1008 27 Aug 2011 | ABENOJAR,NARL     |
| 0600 27 Aug 2011 | Annotation                  | ENOXAPARIN 30MG (LOVENOX) SQ INJ   | 1008 27 Aug 2011 | ABENOJAR,NARL     |
| 0600 27 Aug 2011 | Annotation                  | MEROPENEM (MERREM) IV  | 1008 27 Aug 2011 | ABENOJAR,NARL     |
| 0127 26 Aug 2011 | Scanned Forms               | Files from WRAMC   | 2128 26 Aug 2011 | WEILER, R. F. CIV |



Sample page: 60-page word-searchable, text-copy-capable pdf file, 350kbytes,