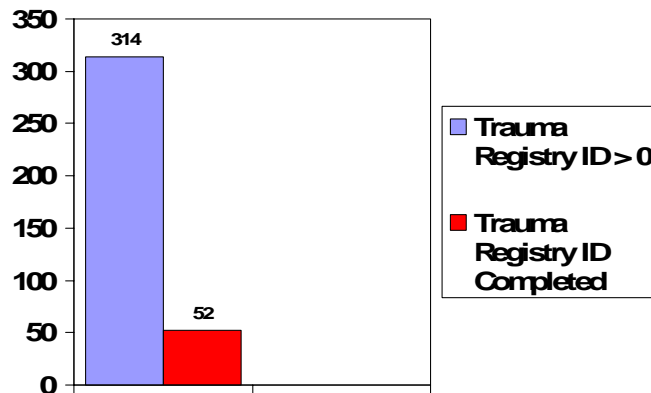


**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 1 - North**

- Almost 170 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, almost 320 records, where the Trauma Registry ID was greater than zero, were found.
- Of these approximately 320 records found in the ePCR database, nearly 17% had actual values.
- 12 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #108(3), #110(1), #124(1), #168(2), #195(6), #216(1), #252(7), #254(26), #725(1), #943(2), #944(1), and #946(1).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered: “908534”, “909803”, “None”, “Not Applicable”, and “Not Known”.

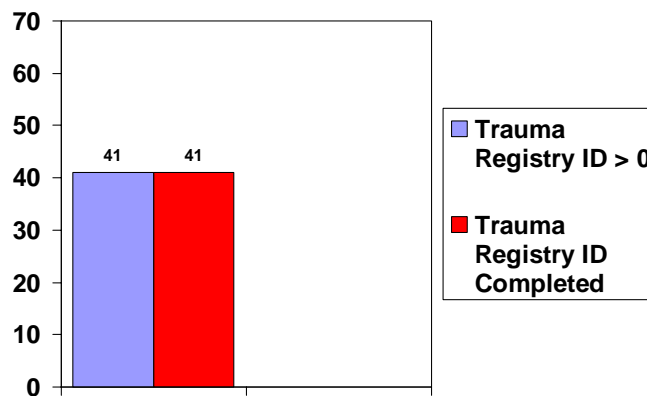
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 1 - North**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 3 - BREMSS**

- Almost 400 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, more than 40 records, where the Trauma Registry ID was greater than zero, were found.
- Of these more than 40 records found in the ePCR database, 100% had actual values.
- 16 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #139(1), #145(2), #236(5), #271(1), #276(2), #317(2), #326(1), #339(2), #356(2), #410(1), #794(1), #887(5), #911(10), #924(3), #944(1) and #945(2).

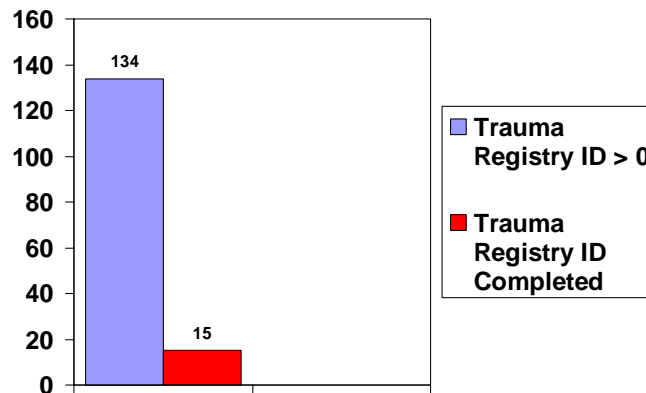
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 3 - BREMSS**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 2 - East**

- There were approximately 30 ATCC Numbers identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, more than 130 records, where the Trauma Registry ID was greater than zero, were found.
- Of the more than 130 records found in the ePCR database, slightly more than 11% had actual values.
- 9 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #174(5), #281(1), #289(3), #336(1), #389(1), #581(1), #614(1), #743(1) and #878(1).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered “Not Applicable”.

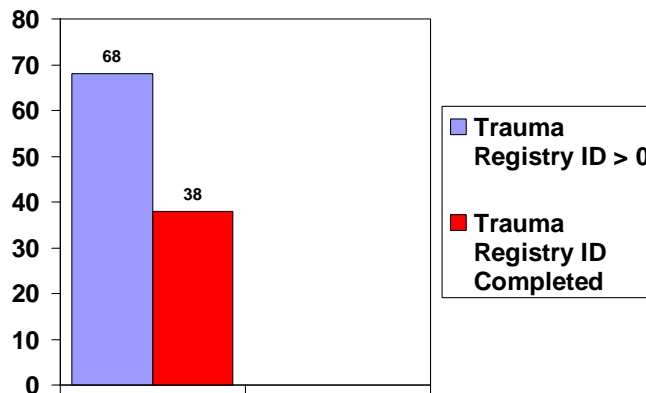
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 2 - East**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 6 - Gulf**

- More than 140 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, almost 70 records, where the Trauma Registry ID was greater than zero, were found.
- Of these approximately 70 records found in the ePCR database, almost 56% had actual values.
- 13 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #162(1), #302(1), #310(4), #311(8), #324(1), #365(4), #570(4), #809(1), #818(7), #947(1), #966(4), #971(1) and #988(1).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered: “ATCC #56228”, “Not Applicable” and “Not Known”.

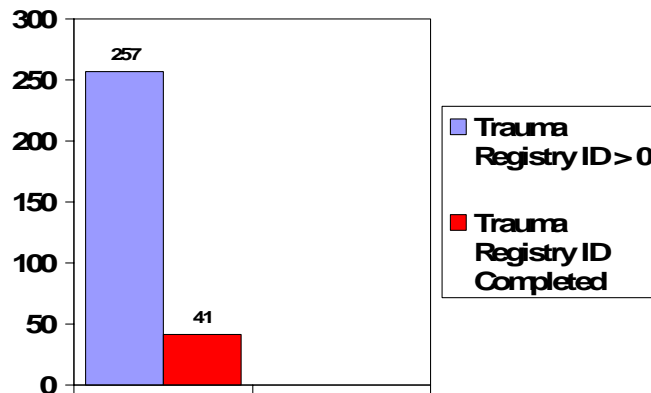
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
October 1, 2009 thru October 31, 2009
OEMS&T Region 6 - Gulf**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 1 - North**

- Nearly 140 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, almost 260 records, where the Trauma Registry ID was greater than zero, were found.
- Of these approximately 260 records found in the ePCR database, almost 16% had actual values.
- 15 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #108(7), #124(5), #136(2), #195(2), #216(1), #252(4), #254(6), #359(1), #681(1), #725(1), #728(2), #806(1), #904(1), #943(3), and #946(4).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered: “5733”, “911555”, “None”, “Not Applicable”, and “Unknown”

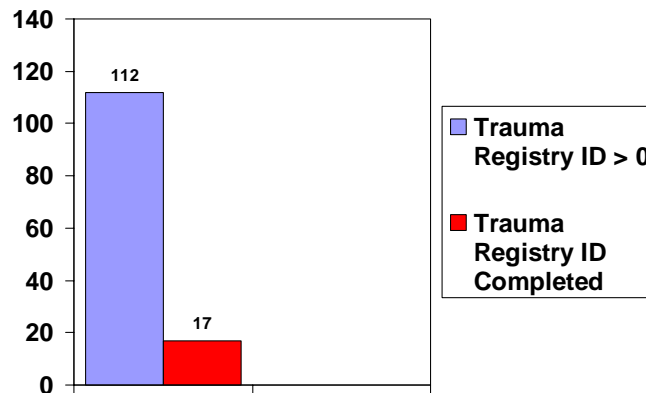
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 1 - North**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 2 - East**

- More than 30 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, more than 110 records, where the Trauma Registry ID was greater than zero, were found.
- Of the more than 110 records found in the ePCR database, slightly more than 15% had actual values.
- 10 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #126(1), #136(1), #159(1), #289(1), #336(5), #389(1), #767(1), #828(4), #878(1) and #946(1).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered “Not Applicable”.

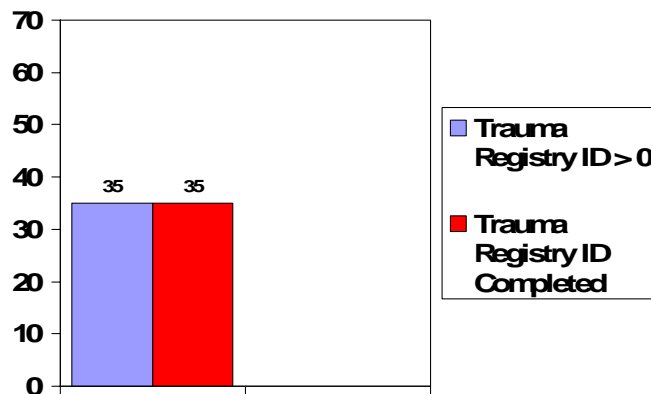
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 2 - East**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 3 - BREMSS**

- Almost 330 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, 35 records, where the Trauma Registry ID was greater than zero, were found.
- Of these 35 records found in the ePCR database, 100% had actual values.
- 14 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #145(1), #182(1), #276(2), #277(1), #317(2), #356(2), #374(1), #397(2), #410(3), #831(1), #887(2), #911(14), #924(2), and #944(1).

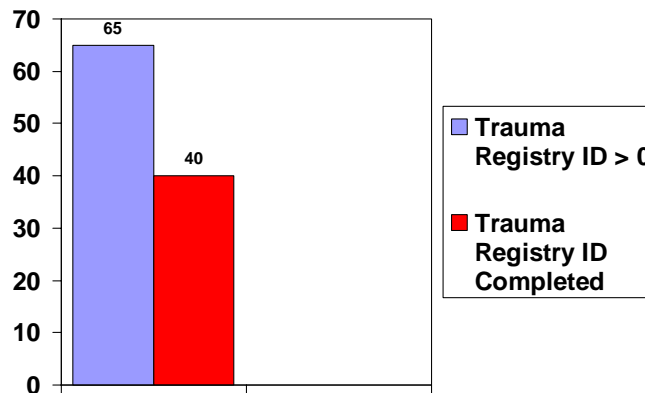
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 3 - BREMSS**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 6 - Gulf**

- Approximately 160 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, almost 70 records, where the Trauma Registry ID was greater than zero, were found.
- Of these approximately 70 records found in the ePCR database, more than 60% had actual values.
- 8 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #310(4), #311(16), #360(1), #365(5), #570(3), #818(7), #876(2) and #966(2).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered: “5776”, “LIFE FLIGHT”, “Not Applicable” and “Not Known”.

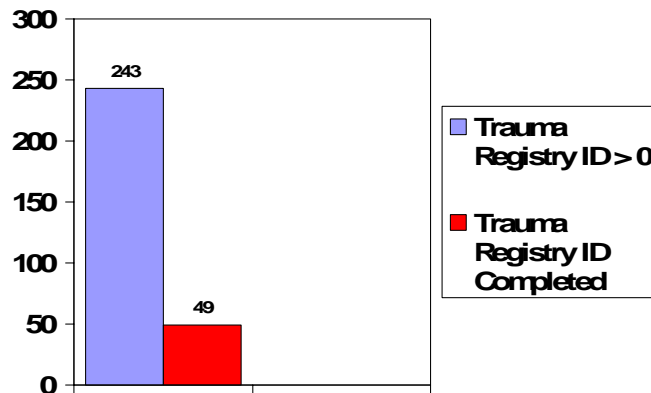
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
November 1, 2009 thru November 30, 2009
OEMS&T Region 6 - Gulf**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 1 - North**

- 100 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, almost 250 records, where the Trauma Registry ID was greater than zero, were found.
- Of these approximately 250 records found in the ePCR database, slightly more than 20% had actual values.
- 16 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #108(3), #124(4), #136(3), #168(1), #195(1), #216(3), #252(5), #254(12), #270(1), #584(1), #725(2), #943(1), #944(4), #946(5), #968(2), and #983(1).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered: “1725”, “N58519”, “put in no number”, “Not Applicable”, and “Unknown”.

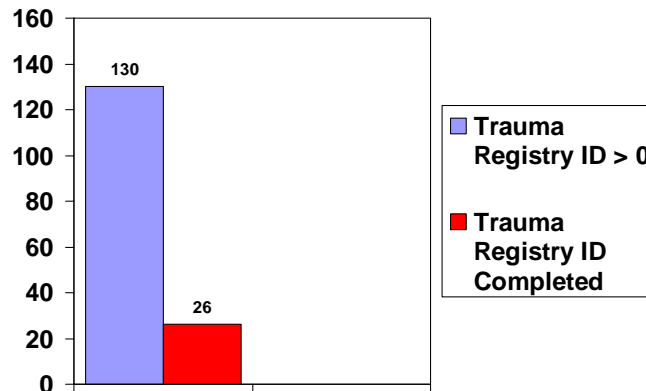
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 1 - North**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 2 - East**

- There were almost 60 ATCC Numbers identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, 130 records, where the Trauma Registry ID was greater than zero, were found.
- Of the 130 records found in the ePCR database, 20% had actual values.
- 13 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #159(1), #174(2), #281(2), #289(1), #336(4), #350(2), #382(1), #389(1), #581(5), #743(1), #828(2), #878(2) and #895(2).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered “Not Applicable”.

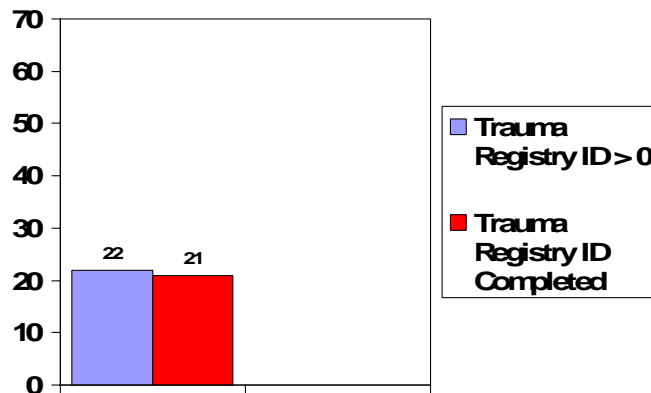
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 2 - East**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 3 - BREMSS**

- Almost 330 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, slightly more than 20 records, where the Trauma Registry ID was greater than zero, were found.
- Of these approximately 20 records found in the ePCR database, more than 95% had actual values.
- 12 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #236(2), #276(4), #277(1), #326(1), #339(1), #352(1), #374(1), #397(1), #410(2), #593(1), #911(5), and #944(1).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered: “Not Applicable”.

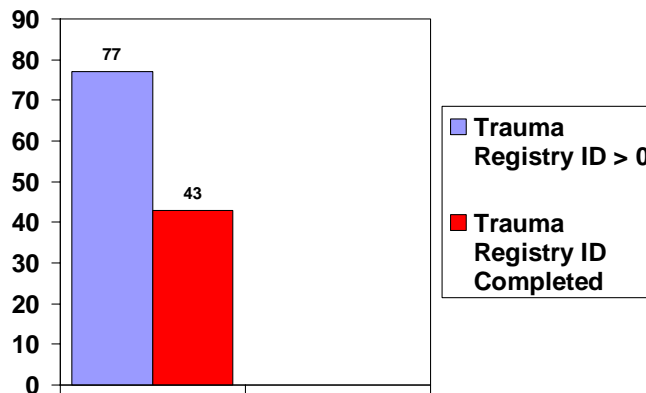
**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 3 - BREMSS**



**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 6 - Gulf**

- Approximately 160 ATCC Numbers were identified in Life Trac during the designated study period.
- In the ePCR database for the designated study period, almost 80 records, where the Trauma Registry ID was greater than zero, were found.
- Of these approximately 80 records found in the ePCR database, nearly 56% had actual values.
- 9 emergency medical services providers requested the ATCC Numbers which were captured via the Trauma Registry ID datapoint in the ePCR database during the designated study period: #197(1), #310(7), #311(13), #360(1), #365(3), #570(5), #818(5), #947(5) and #966(3).
- For those records where actual values were not entered into the Trauma Registry ID datapoint, the following is a listing of the other options entered: “548540”, “Not Applicable” and “Not Known”.

**ATCC# Usage Per the Trauma Registry ID Data Point
Alabama Electronic Patient Care Reports (ePCRs)
December 1, 2009 thru December 31, 2009
OEMS&T Region 6 - Gulf**



**ALABAMA DEPARTMENT OF PUBLIC HEALTH
OFFICE OF EMERGENCY MEDICAL SERVICES AND TRAUMA**

IN THE MATTER OF:

ALABAMA LICENSE NO.)
) **ALABAMA TRAUMA SYSTEM NONCOMPLIANCE**
)

The undersigned holder of licensure to practice as an Emergency Medical Service Technician in the State of Alabama is hereby notified _____ of the third trauma system noncompliance issue which has resulted in this written notification.

The undersigned holder of licensure to practice as an Emergency Medical Service Technician in the State of Alabama has 30 days to correct the noncompliance issue as listed below.

The Emergency Medical Technician will be reported to the State Compliance Officer for future investigation and/or possible license suspension.

Noncompliance Explanation:

EXECUTED this the _____ day of _____, 2008.

Name

Witness

**APPROVED AND ACCEPTED BY THE ALABAMA DEPARTMENT OF PUBLIC
HEALTH, OFFICE OF EMERGENCY MEDICAL SERVICES AND TRAUMA on this**

_____ day of _____, 2008.

Respectfully,

**John Campbell, M.D. Medical Director
Office of Emergency Medical Services and Trauma**

For Office use only

ATCC#_____ ATCC#_____ ATCC#_____

Alabama EMS & Trauma System Quality Assurance/ Quality Improvement Plan

Quality Assurance Plan

The mission of the quality assurance/quality improvement (QA/QI) plan is to assure optimal care of injured patients in the state of Alabama.

To accomplish this mission the QA/QI committee will continuously monitor the Statewide EMS & Trauma System utilizing system operation standards, system performance criteria, and data. The QA/QI process also includes development of system operation protocols, system performance standards, and system benchmarks. The process also includes the coordination of educational initiatives, system changes and enforcement as necessary.

QA/QI is made up of three component areas:

- 1) Standard Setting - the establishment of system operation protocols, system performance standards, and system benchmarks.
- 2) Quality Control - the “real time” operations of intervention by on-line medical direction, ADPH/OEMS&T, or the Alabama Trauma Communications Center (ATCC) to prevent sub-standard performance in any component of the ATS.
- 3) Quality Improvement - the use of system standards, quality control incidents, and data to determine the need for system change, provider education, or contract/regulatory action by the ADPH/OEMS&T.

The process is designed to allow all participants to recognize optimal as well as sub-standard performance. The process may use direct intervention, educational initiatives, system changes, and enforcement as necessary.

Alabama Trauma System QA/QI consists of the following:

- 1) Hospital
 - A. Quarterly internal audits
 - B. Alabama Trauma System Registry reports
 - C. Participation in quarterly regional QA/QI committee meetings
- 2) Pre Hospital
 - A. Air
 1. Internal Audits
 2. Participation in quarterly regional QA/QI committee meetings
 3. Participation in quarterly Aero-Medical QA/QI committee
 - B. Ground
 1. Internal Audits
 2. Participation in quarterly regional QA/QI committee meetings
 3. Participation in quarterly Aero-Medical QA/QI committee

3) ATCC

1. Assist all appropriate parties with their responsibilities as detailed in this plan.
2. Provide Quality Control to assure ATS system operation protocols and ATS system performance standards are met with intervention as appropriate and incident reports made as necessary.

4) On-Line Medical Direction

1. Provides on-line medical direction as necessary to assure compliance with ATS system operation protocols and ATS system performance standards.
2. Provides incident reports as necessary to the appropriate RTAC(s).

5) System

The Alabama Department of Public Health's Office of EMS and Trauma is responsible for direct oversight and operation of the QA/QI plan:

- A. Assumes responsibility and accountability for the implementation and ongoing activities of the QA/QI process.
- B. Establishes, maintains and provides guidance to STAC, RTAC, EMS Regional Staff and ATS QA/QI Committees.
- C. Integrates the QA/QI process into activities for all levels of participation within the ATS.
- D. Utilizes the QA/QI data to identify the need to make any changes to the ATS to ensure its success.
- E. Communicates and cooperates with appointed RTAC QA/QI committee members to operate their QA/QI plan.
- F. Reports all QA/QI plan activities to STAC and the State Committee of Public Health.
- G. Establishes and maintains a systematic QA/QI assessment process.
- H. Establishes a culture of excellence through leadership, education, communication and teamwork.
- I. Forwards complaints received at the State level to the Regional staff for follow-up according to steps I, II, III and IV of the Trauma System noncompliance process listed under **Regional Trauma Advisory Council: Number 8.**

Regional Trauma Advisory Council (Staffed by Regional EMS Agency)

1. Utilizes regional level quality assurance/improvement, data process to identify the need to maintain/change trauma system processes by reporting findings to OEMS&T.
2. Communicates and cooperates with the direct services providers, ADPH/OEMS & T staff and all appropriate trauma system personnel to ensure Trauma System information is shared including the return of outcome data to the prehospital agencies involved in each patients care.
3. Promotes, coordinates and conducts ongoing prehospital and hospital ATS education.
4. Follows up with direct services providers to ensure trauma processes are performed.
5. Participates in all levels of the QA/QI process.
6. Meets quarterly with the ATS QA/QI committee to discuss ways to improve the ATS processes.
7. Receives all ATS QA/QI issues and then forwards to the ADPH/OEMS&T as well as State & Regional QI committees.

Non-Compliance Assurance

Reports **noncompliance** issues to the Regional Trauma Advisory Council as listed below for the ATS prehospital component:

- I. **First Issue**
 - A. Minor issues (misunderstanding, not yet trained, etc.): Explanation of issue and remedial education, documentation by regional staff. Copy to State OEMS & T Compliance Officer (for information only).
 - B. Issues where service or provider does not respond or is uncooperative: to be forwarded to the OEMS & T Compliance Officer. (For appropriate actions by Compliance Officer).
- II. **Second Issue**-Verbal warning by regional staff. Issue will be forwarded to State OEMS & T Compliance Officer. State OEMS & T Compliance Officer will notify service provider and individual involved to schedule a counseling meeting.
- III. **Third Issue**-Verbal/written report will be forwarded to State OEMS & T Compliance Officer for investigation with possible licensure action taken.
- IV. State OEMS & T Compliance Officer will report all outcomes from findings to RTAC. A summary will be provided to the STAC.

EMS & Trauma Regions Noncompliance:

All regional EMS Agency noncompliance issues related to trauma system issues will be handled by the Director of the Office of EMS & Trauma.

Hospital Noncompliance:

All hospital noncompliance trauma system issues will be processed according to the contractual agreement with the hospital (*See Trauma System Contract for respective hospital*).

ATCC Noncompliance:

All ATCC noncompliance issues will be processed by the Director of the Office of EMS & Trauma and the ATCC Director.

RTAC QA/QI Committee Make Up

I. Representation-

Each RTAC QA/QI committee will have the following minimum trauma system components represented:

E911

ATCC

BLS First Responder

ALS First Responder

ALS Transport Provider

BLS Transport Provider (Only if BLS responds to 911 calls)

Trauma Hospital of each level in the Region

Community Hospital

Emergency Medicine

Emergency Nursing

Trauma Surgeon

General Surgeon

Orthopedic Surgeon (if level 1 or 2 in Region)

Neurosurgeon (if level 1 in Region)

Trauma Coordinator from each level hospital in the ATS Region

II. Membership

Each RTAC will determine and select the RTAC QA/QI membership to assure the above are represented. The Vice-Chair of the RTAC is to be the Chair of the RTAC QA/QI Committee.

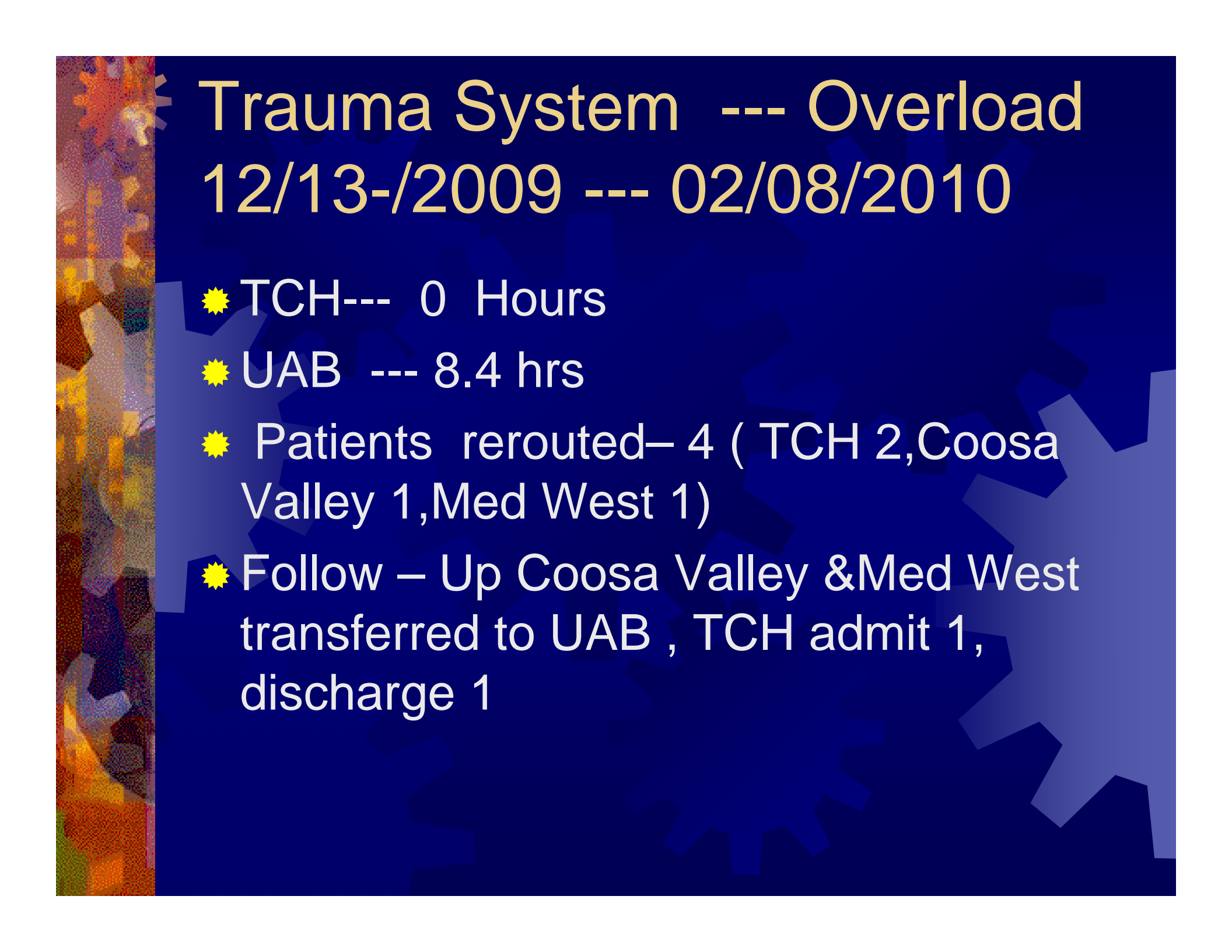
III. Meetings

The RTAC QA/QI committee must meet at least once quarterly. All meetings will be advertised to ATS staff.



MDAC

February 8, 2010



Trauma System --- Overload 12/13-/2009 --- 02/08/2010

- ✱ TCH--- 0 Hours
- ✱ UAB --- 8.4 hrs
- ✱ Patients rerouted— 4 (TCH 2, Coosa Valley 1, Med West 1)
- ✱ Follow – Up Coosa Valley & Med West transferred to UAB , TCH admit 1, discharge 1



TRAUMA SYSTEM OVERLOAD

TBO 12/13/2009 02/08/2010

- ☀ TCH – 0 hrs.
- ☀ UAB -- 6.9 hrs.
- ☀ Patients Rerouted -- 0
- ☀ HH – 2.4 hrs.

TRAUMA SYSTEM ---- RED

- ✱ TCH – 0
- ✱ UAB -- 1.5 Hours
- ✱ Patients Rerouted 0
- ✱ USA – 108.9 Hours (Level 2's and FL.)

Trauma System --- Volume --- 12/13/2009 --- 02/08/2010

- ✱ Total System Volume – 640(704)(698) (738)
- ✱ UAB -- 486(520)(511)(551)(460)(465)(347)
- ✱ TCH -- 48(50)(44)(32)(49)(37)(37)(28)(53)
- ✱ Level Threes –88 (120)(128)(137)(118)
- ✱ Year to date –09/10– patients – 3844 (1892)
- ✱ Year to date –08/09- patients - 3552 (1527)
- ✱ Year to date –07/08 - patients - 3533



ALABAMA TRAUMA SYSTEM - 12/13/2009 --- 0208/2010

- ★ NATS 229, HH 152, DGH 3, #3 47 , Erlanger 1, NMMC 0
- ★ BREMSS 640 , UAB 486 , TCH 48, #3 88
- ★ EAST 87 (42 #2 North East)
- ★ GULF 276 (204 USA)



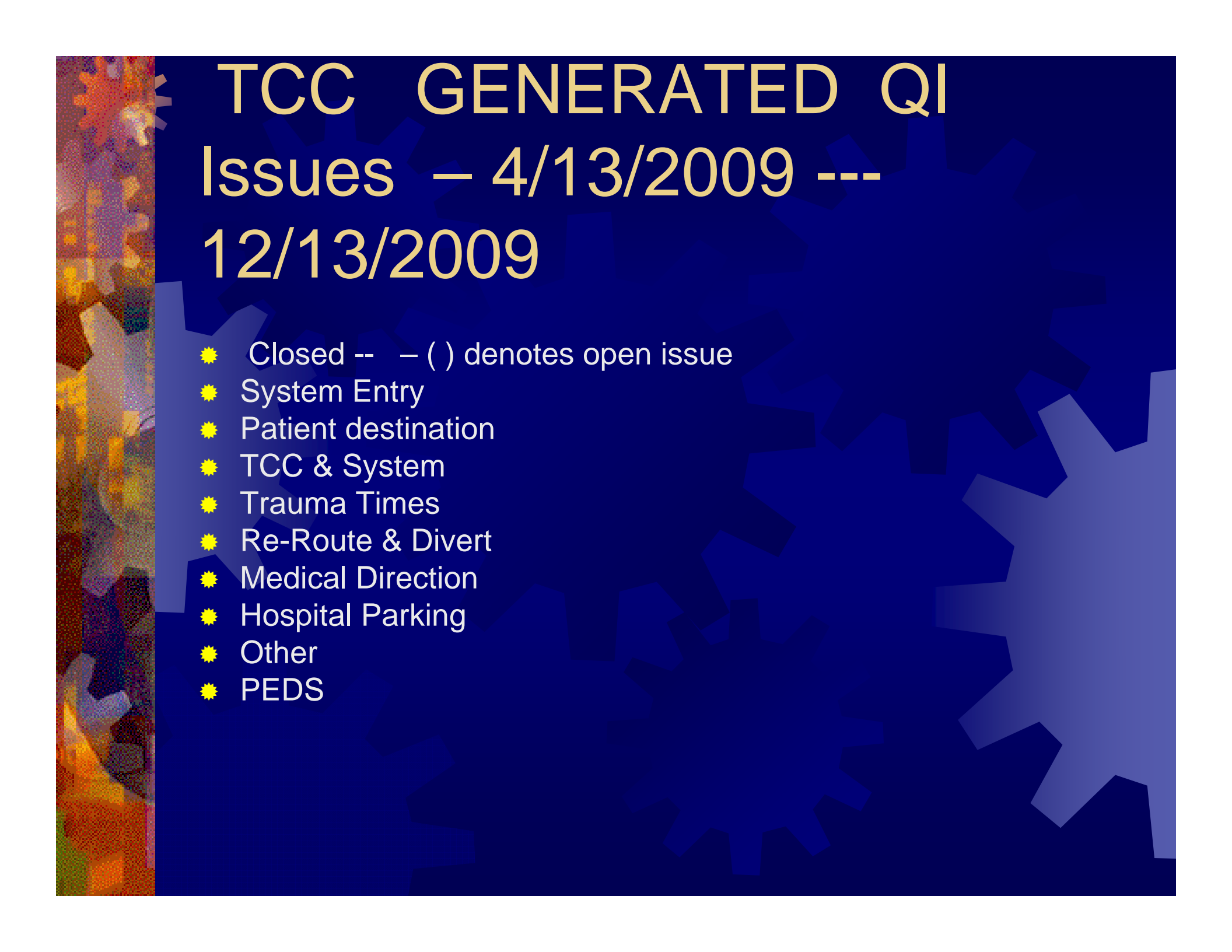
Stroke System Volume --

12/13/2009 --- 02/08/2010

- ★ Stroke Patients -- 425
- ★ Stroke Patients year to date 09/10 - 2116
- ★ Stroke Patients year to date 08/09 - 1643
- ★ Stroke Patients year to date 07/08 - 1424

STROKE DESTINATIONS

- ★ UAB --157- (15) # OF STROKE REPORTS
- ★ WBMC --10 –(0)
- ★ MED WEST –3 –(0)
- ★ St . Vincent's 95 - (41)
- ★ Shelby Baptist -21– (0)
- ★ UAB Highlands –0 – (0)
- ★ St. Vincent's East –15 – (11)
- ★ Brookwood – 35 – (6)
- ★ Princeton –48 – (35)
- ★ Trinity -- 38 - (9)
- TCH1 (1)



TCC GENERATED QI Issues – 4/13/2009 --- 12/13/2009

- ✱ Closed -- – () denotes open issue
- ✱ System Entry
- ✱ Patient destination
- ✱ TCC & System
- ✱ Trauma Times
- ✱ Re-Route & Divert
- ✱ Medical Direction
- ✱ Hospital Parking
- ✱ Other
- ✱ PEDS



NEUROSURGICAL REFERRALS

☀ 4

ISSUES

- ★ AL. TRAUMA SYSTEM UPDATE –
West DCH approved as a level 3 – only
trauma hospital in West , Southeast in
process