



Oklahoma State Department of Health
Creating a State of Health

Southwest (3) Regional Trauma Advisory Board
Great Plains Technology Center
4500 Southwest Lee Boulevard
Lawton, OK 73055
February 20th, 2020 – 10:30 am

AGENDA

- I. Call to Order
- II. Roll Call
- III. Introductions and Announcements
- IV. Approval of Minutes – October 3rd, 2019
- V. Reports
 - A. Emergency Systems quarterly activity report
 - B. Oklahoma Trauma and Emergency Response Advisory Council report from previous meeting
 - C. Quality Improvement Committee quarterly activity report
 - D. Regional Education Planning Committee (REPC) activity report
 - E. EMS for Children quarterly activity report
 - F. Regional Medical Planning Group/Southwestern Medical Emergency Response Center quarterly activity report
- VI. Business
 - A. Discussion, consideration, possible action, and vote to approve EMResource divert time recommendation
 - B. Discussion, consideration, possible action, and vote to approve Region 3 Trauma Plan
 - C. Discussion, consideration, possible action, and vote to approve amended Region 3 Bylaws as follows:
 - F. Vacancies and request or recommendations for committee membership
 - i. Notice of a vacancy, new request, or recommendations for committee membership shall be distributed to Board members at least ten (10) days prior to a scheduled meeting by written or verbal communication.
 - ii. Volunteers/recommendations or nominations to fill the vacancy in membership or new requests for membership on this committee shall be accepted and voted on at the next scheduled meeting of the Board.
 - D. Discussion, consideration, possible action, and vote to approve volunteers/nominations for the Region 3 Quality Improvement Committee membership vacancy
 1. Jamie Hennessee
 2. Dan McLeod
 3. Tyler Walters
 - E. Discussion, consideration, possible action, and vote to recommend to the Oklahoma State Stroke System Advisory Council amendments to the Rural EMS Stroke Triage Algorithm
 - F. Discussion, consideration, possible action, and vote to approve 2021 trauma system goals to send to the Regional Education Planning Committee for planning and implementation by October 2020

Board of Health

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VII. Presentation

A. Process Improvement – Oklahoma State Department of Health

VIII. New Business

(For matters not reasonably anticipated 48 hours prior to the meeting)

IX. Next Meeting

- A. Quality Improvement Committee
Comanche County Memorial Hospital
3401 West Gore Boulevard
Lawton, OK 73505
March 5th, 2020 – 11:00 am
- B. Regional Education Planning Committee
Great Plains Technology Center
4500 Southwest Lee Boulevard
Lawton, OK 73505
April 2nd, 2020 – 9:00 am
- C. Regional Trauma Advisory Board
Great Plains Technology Center
4500 Southwest Lee Boulevard
Lawton, OK 73505
April 2nd, 2020 – 10:30 am

X. Adjournment

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Southwest (3) Regional Trauma Advisory Board (RTAB)
Great Plains Technology Center
4500 Southwest Lee Boulevard
Lawton, OK 73055
October 3rd, 2019 – 10:30 am

MINUTES

I. Call to Order

The meeting was called to order by Chair Lori Smith at 10:34 am.

II. Roll Call

Roll call was taken with members present and absent reflected on the attached attendance sheet.

III. Introductions and Announcements

No introductions or announcements were made.

IV. Approval of Minutes – August 1st, 2019

A motion to approve the August 1st, 2019 minutes as written was made by Chickasha Fire Department/EMS and seconded by Tillman County EMS District. There was no discussion and the motion passed 17-0.

V. Reports

A. Emergency Systems quarterly activity report

Jennifer Woodrow introduced James Rose as the new Statistical Research Specialist and Rashonda Hagar as a new Administrative Assistant for Emergency Systems. The Oklahoma Emergency Response Systems Stabilization and Improvement Revolving Fund (OERSSIRF) period has closed with grants awarded with 2.1 million dollars was awarded to 20 participants. Version 3.4 of the Oklahoma EMS Information System (OKEMISIS) is coming with most changes being background software changes; no implementation date has been set. Training dates for the Oklahoma Trauma Education Program (OTEP) courses were presented to include sessions in Edmond on October 17th and Elk City on November 1st. Please contact Jennifer Woodrow if you would like to attend those courses. The Stroke Registry is not live. A working group is currently revising the data elements with the next meeting scheduled on October 9th, 2019 at the Oklahoma State Department of Health (OSDH). Jennifer Woodrow noted that roll call reflected that many have not updated their authorized representatives and that RTAB Authorization Forms are needed for 2020 from all RTAB members.

B. Oklahoma Trauma and Emergency Response Advisory Council (OTERAC) report from previous meeting

Jennifer Woodrow announced that OTERAC has met on October 2nd, 2019 at OSDH. Business conducted at this meeting included the following:

- The Council reviewed and approved proposed EMS ruled changes. Approved changes were primarily for EMS and Stretcher Van Services.
- Rule changes were approved that will require hospitals to submit data to a STEMI (ST-Elevation Myocardial Infarction) Registry.
- Proposed rule language was approved for implementation of the Good Samaritan Act also known as the Eddie Sims Bill.
- OTERAC and OSSSAC formalized their agreement to work together to improve stroke systems of care

The next OTERAC meeting is scheduled for February 12th, 2020. The OTERAC Systems Improvement Workgroup is scheduled to meet November 6th, 2019 and the EMResource Workgroup is scheduled to meet November 15th, 2019 at OSDH.

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- C. Quality Improvement (QI) Committee quarterly activity report
Jamie Lee announced that the QI Committee met last quarter. A brief presentation over Box was given at this meeting which the Committee will be transitioning to as their primary means of file sharing. The QI referral form has been updated with changes made to include reasons for referral, addition of a box to request anonymous submission. A request has been received to add representation from ground EMS to the Committee. Anyone interested in participating the Committee should notify Jamie Lee, Brandee Keele, or Jennifer Woodrow.
- D. Regional Education Planning Committee (REPC) activity report
Brad Lancaster announced that the REPC has met twice since the last RTAB. Topics of discussion and business conducted at these meetings included the following:
- Review and update of the Region 3 Trauma Plan and Bylaws
 - Development of an RTAB attendance review process to improve attendance
 - Creation of a working group for the purpose of developing a transfer education piece for hospitals and EMS services to help better triage patients and facilitate patient transfers
 - Development of a Resource Assessment Form to be distributed today for the purpose of updating the Region 3 Trauma Plan
- The REPC will begin working on revising the Region 3 Stroke Plan regarding patient priority times. Jennifer Woodrow passed out the discussed Resource Assessment to be returned by the end of the meeting.
- E. EMS for Children quarterly activity report
No report was given.
- F. Regional Medical Planning Group/Southwestern Medical Emergency Response Center quarterly activity report
Bob Stewart provided EMResource reports regarding Hospital and EMS Drills noting the following:
- Two hospital drills were conducted occurring in August with 65% participation and September with 100% participation/70% compliance. To assist with compliance, Mr. Stewart requested that facilities review and check their information before saving and in the specified time frame.
 - Three MCI Drills were conducted for hospitals occurring in July with 95% participating/60% compliance and in August with 75% participation/65% compliance and 60% participation/40% compliance. Training was provided to 6 hospitals with an increase in compliance noted. To assist with compliance, Mr. Stewart requested that facilities request training for their facility.
 - Operation Flu Fight is scheduled for October 7th through the 11th in which the Health Department will be conducting pod operations in different locations. Mr. Stewart advised members that they may be asked to support those pod operations.
 - On October 8th, the MERC will be tasked with sending out information to all agencies for the purpose of obtaining resources and/or information. Mr. Stewart advised members to be ready for these request and have staff informed as the state is testing capability and responses.
 - A Redundant Communications Drill is scheduled for October 9th, 2019 from 8:00 am until completion.
- Advanced Burn Life Support (ABLS) online training and certification is available with over 80 slots open. Two slots per hospital or EMS agency are allotted. Anyone needing additional slots should coordinate with Mr. Stewart. Time is limited with training and the exam required to be finished within the year, expiring July 2020. The RMPG will meet this day at 1:00 pm and will have an At Risk/Functional Needs Presentation. The RMPG will not meet in December. A report regarding drill participation and compliance will begin to be sent to participants within two days after the drill. Mr. Stewart then conducted a drill in order to walk members through the drill and how to appropriately respond. Mr. Stewart will now be sending a report to the Region 3 QI Committee regarding those who have not participated in EMResource.

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VI. Business

- A. Discussion of presentation “Diagnosing & Managing Pediatric Mild Traumatic Brain Injury” and identification of need to include in regional planning and possible vote to send to Regional Education Planning Committee
No need to send to the REPC for regional planning was identified and the item was tabled.
- B. 2020 Board member rotation – Vote to approve
- C. 2020 Committee membership – Vote to approve
1. Regional Education Planning Committee – Vote to add Dan McLeod
- D. 2020 Board Officer nominations – Vote to approve
1. Chair – Lori Smith
 2. Vice Chair – Dan McLeod
 3. Secretary – Kenneth Power
- E. 2020 Board Meeting dates, times, and venues – Vote to approve
1. February 6th, 2020 at Great Plains Technology Center – 10:30 am
 2. April 2nd, 2020 at Great Plains Technology Center – 10:30 am
 3. August 6th, 2020 at Great Plains Technology Center – 10:30 am
 4. October 1st, 2020 at Great Plains Technology Center – 10:30 am
- A motion to approve Business items B-E was made by Chickasha Fire Department/EMS and seconded by Southern Oklahoma Ambulance Service. There was no discussion and the motion passed 17-0.
- F. Review and possible vote to approve amended Region 3 Trauma Plan
Jennifer Woodrow noted that the EMS Provider Descriptions will be updated once information is obtained from the distributed Resource Assessment. A motion to approve the proposed amended Region 3 Trauma Plan was made by Survival Flight, Inc. and seconded by Elkview General Hospital. There was no discussion and the motion passed 17-0.
- G. Review and possible vote to approve amended Region 3 Bylaws
A motion to approve the proposed amended Region 3 Bylaws was made by Chickasha Fire Department/EMS and seconded by Southern Oklahoma Ambulance Service. There was no discussion and the motion passed 17-0.
- H. Review current member attendance with possible vote to approve reporting failure to participate to licensing authorities for action
Brad Lancaster recommended that the REPC take over the attendance review for attendance notification to facilities and report to the RTAB Chair for State recommendation of licensure action. A motion to approve this recommendation was made by Tillman County EMS District and was approved by Chickasha Fire Department/EMS. There was no discussion and the motion passed 17-0.

VII. Presentation

- A. Trauma Systems Toolbox – Daniel Whipple, OSDH Trauma Systems Coordinator
Mr. Daniel Whipple reviewed the Oklahoma Trauma System to include its history and tools used to properly implement the system. He began by speaking about the Oklahoma Trauma System Improvement and Development Act passed in 2004. This law requires numerous items to include the creation of Regional Trauma Advisory Boards (RTABs), the requirement that each RTAB performs quality improvement activities, the creation of a trauma transfer and referral center, and an expansion of monies for the Trauma Care Assistance Revolving Fund. Mr. Whipple briefly discussed the current minimum requirements for each level of Oklahoma Trauma Center by classification level. He then spoke about the purpose of the RTAB and how that body is responsible for creating solutions for patient care within its regions, educating its providers about those solutions, and using quality improvement activities to verify that the regional plans are effective. He discussed the Triage, Transport, and Transfer (T-3) algorithm and how it assigns a Priority based upon physical exam findings and recommends a destination type that is appropriate for that patient to receive definitive care.

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Regional Trauma Plans utilize a review of each region's resources and, using the T-3 algorithm as its foundation, assign each trauma patient to an appropriate destination in an effort to reduce morbidity and mortality.

EMResource is the current statewide tool that should be used to communicate both pre-hospital and hospital resources to other healthcare providers throughout the state. Currently, EMResource provides contact information for hospitals and EMS agencies, near real-time updates regarding hospital specialties and air ambulance location services, and acts as a notification tool for matters that impact care of patients.

The Oklahoma Trauma Registry and Oklahoma EMS Information System (OKEMSIS) comprise the majority of the data systems used for trauma system review and improvement. The epidemiologists within the data team have used submitted data to produce numerous peer-reviewed articles to improve the care of trauma patients in Oklahoma and in systems similar to ours. Mr. Whipple then reviewed the inclusion and exclusion criteria for the trauma registry as well as the submission timelines for both registries.

The Trauma Care Assistance Revolving Fund was created in 1999 to serve as a means to provide funding to ambulance services and hospitals that cared for trauma patients whose services were uncompensated. Since its inception, physicians have been made eligible to receive monies from this revolving fund. While participation in the Trauma Care Assistance Revolving Fund is voluntary, eligibility is determined by a required task, data submission to the trauma registry.

Mr. Whipple provided an example of how the trauma system was designed to work and closed with the goal of those who participate within the trauma system: To get the right patient to the right place, receiving the right treatment in the right amount of time.

VIII. New Business

Chair Lori Smith noted this is a new agenda item for anything that needs to be added to the meeting that was not foreseen and therefore not able to get added to the agenda as a business item. No new business was identified. Kenneth Power announced that Johnston County EMS will be hosting Bob Page on December 13th and 14th at Murray State College capable of accommodating approximately 150 people. Anyone interested in training should contact Mr. Power for more information.

IX. Next Meeting

- A. Regional Education Planning Committee
 Great Plains Technology Center
 4500 Southwest Lee Boulevard
 Lawton, OK 73505
 February 6th, 2020 – 9:00 am
- B. Regional Trauma Advisory Board
 Great Plains Technology Center
 4500 Southwest Lee Boulevard
 Lawton, OK 73505
 February 6th, 2020 – 10:30 am
- C. Quality Improvement Committee
 Comanche County Memorial Hospital
 3401 West Gore Boulevard
 Lawton, OK 73505
 March 5th, 2020 – 11:00 am

X. Adjournment

A motion to adjourn was made by Tillman County EMS District and seconded by Grady Memorial Hospital Authority. The meeting adjourned at 12:09 pm.

Board of Health

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SOUTHWEST (3) REGIONAL TRAUMA ADVISORY BOARD

BOARD MEMBER ATTENDANCE

BOARD MEMBER	REPERESNTATIVE	1Q	2Q	3Q	4Q	2019
American Medical Response - Duncan	Charles Grady	X	X	X	X	100%
	Mark Hale					
Chickasha Fire Department/EMS	Brian Zalewski	X	X	X	X	100%
	Tony Samanrego					
Comanche County Memorial Hospital	Rachel Talley	X	X	X	X	100%
	Nick Eimers-Mosier					
Comanche County Memorial Hospital EMS	John Phillips	X	X	X	X	100%
	Christie Timspson					
Duncan Regional Hospital, Inc.	Kim Tigert	X	X	X	X	100%
	Julie Pennypacker					
Elkview General Hospital	Jaye Hendrix	X	X	X	X	100%
	Kim Goss					
Grady Memorial Hospital Authority	Mary Beth Malone	X	X	X	X	100%
	Ryan Chester					
Grandfield Ambulance	Wayne Hull	X	X	X	A	75%
	Dereck Farris					
Jefferson County Hospital	Leah Newton	X	X	X	X	100%
	J.P. Edgar					
Kirk's Emergency Service	Bruce Crowell	X	X	X	X	100%
	Sondra Sand					
Mercy Health – Love County EMS	David Manning	X	X	X	X	100%
	Tracy Walker					
Mercy Hospital Ada	Tammy Bridgeman	X	X	A	X	75%
	James Lampkin					
Mercy Hospital Ada EMS	James Lampkin	X	X	X	X	100%
	Randy Bryant					
Mercy Hospital Ardmore, Inc	Lori Smith	X	X	X	X	100%
	Lea Brown					
Southern Oklahoma Ambulance Service	Andrea Earley	X	X	X	X	100%
	Dan McLeod					
Southwestern Medical Center	Robin Garmon	X	A	A	A	25%
	Scott Tanner					
Survival Flight Inc.	Ryan Sand	X	X	X	X	100%
	Cole Register					
The Physicians' Hospital in Anadarko	Brandi Lewis	A	X	X	X	75%
	Edwing Laracuente					
Tillman County EMS District	Ralph Washburn	X	X	X	X	100%
	Eddie Johnson					

SOUTHWEST (3) REGIONAL TRAUMA ADVISORY BOARD

GENERAL MEMBER ATTENDANCE

GENERAL MEMBER	REPERESNTATIVE	1Q	2Q	3Q	4Q	2019
Air Evac Lifeteam - Ada	Steve Bates	X	X	X	X	100%
	Jared Cheek					
Air Evac Lifeteam - Altus	Kelly Dillon	X	X	X	X	100%
	TJ Saxon					
Air Evac Lifeteam - Ardmore	Jared Cheek	X	X	X	X	100%
	Steven Bates					
Air Evac Lifeteam - Decatur, TX	Jared Cheek	X	X	X	X	100%
	Kelly Dillon					
Air Evac Lifeteam - Duncan	Kelly Dillon	X	X	X	X	100%
	T J Saxon					
Air Evac Lifeteam - Wichita Falls	Jared Cheek	X	X	X	X	100%
	Kelly Dillon					
American Medical Response - Marlow	Charles Grady	X	X	X	X	100%
	Mark Hale					
Anadarko Fire Department EMS	Greg Stone	X	X	A	X	75%
	E.J. Sorrels					
Apache Ambulance	Michael Bolin	X	X	X	X	100%
	Charley Love					
Apollo MedFlight	Brandon Leasure	A	A	X	A	25%
	Brett Hicks					
Arbuckle Memorial Hospital Authority	Jessica Hobson	X	X	A	X	75%
	Terra Sanford					
Cache EMS	Christie Timpson			A	X	50%
CareFlite	Zack kupper	A	A	A	A	0%
	Alex Eden					
Carnegie EMS	Kenneth Pack	X	X	X	X	100%
	Tyler Walters					
Carnegie Tri-County Municipal Hospital	Shannon Ware	A	X	X	X	75%
	Shay Payne					
Chickasaw Nation EMS	Roy Throne	X	A	X	X	75%
	Louis Wade Snodgrass					
Chickasaw Nation Medical Center	Jillian Chadwick - James	X	A	X	X	75%
	Roy Throne					
Elmore City EMS	James Les Fowler	X	A	A	X	50%
	Jason Cook					
Grady EMS District	Klayn Hitt	X	X	X	X	100%
	Chris Kondos					
Greer County Special Ambulance Service District	Scott Augustine	A	A	A	A	0%
Harmon Memorial Hospital	David Strawn	A	A	A	X	25%
	Sheila Lewis					
Jackson County EMS	William Stevens	X	X	X	X	100%
	Mike Canada					
Jackson County Memorial Hospital Authority	Keller Martinez	X	X	X	X	100%
	William Stevens					
Jim Taliaferro Community Mental Health Center	John Martin	X	X	X	X	100%
	Donna Duyne					
Johnston County EMS	Kenneth Power	A	X	X	X	75%
	LeaAnne Bently					

SOUTHWEST (3) REGIONAL TRAUMA ADVISORY BOARD

GENERAL MEMBER ATTENDANCE

Lawton Indian Hospital PHS	Edwin Laracuente Cleora Shunkamolah	A	X	X	X	75%
Lindsay EMS	Kevin Caldwell Anthony Adams	X	X	X	X	100%
Lindsay Municipal Hospital	Brianne Bray Tandy Warren	X	X	X	X	100%
Mangum Regional Medical Center	Lisa Zimms Zachary Canaday	A	A	A	A	0%
Medic West, LLC	Ray Simpson Jenalu Simpson	A	X	A	X	50%
MERC- Lawton	Bob Stewart Alana Pack	X	X	X	X	100%
Mercy Health Love County	David Manning Tad Hall	X	X	X	X	100%
Mercy Hospital Healdton, Inc.	McKotah Smith Kasye Smtih	X	A	X	X	75%
Mercy Hospital Tishomingo	Paul Thomas Lori Smith	X	X	X	X	100%
Murray County EMS	Brad Lancaster Joseph Morgan	X	X	X	X	100%
OSDH-EPRS	Sheila Lawson	X	X	A	X	75%
Pauls Valley Ambulance Authority	James Lampkin			X	X	100%
Reynolds Army Community Hospital	James Hill (Happy) Michael Bolin	X	X	X	X	100%
Rolling Hills Hospital, LLC	Anthony Guild Johnny Luttrell	A	A	A	A	0%
Rush Springs Fire/EMS	Kevin Trusty Chloe Berry	X	X	X	X	100%
Sinor EMS (Hobart)	Teri Lankford Lance Lankford	A	A	A	A	0%
Southwest Oklahoma Ambulance Authority	David Strawn Sheila Lewis	A	A	A	A	0%
Stratford Response Area	James Lampkin			X	X	100%
Tuttle Fire/EMS	Bruce Anthony Klayn Hitt	X	X	X	X	100%
Velma Community Ambulance	Patricia Snider	A	A	A	A	0%
Waurika EMS	Sarah Ray Jamie Richardson	A	A	A	X	25%

TRAUMA FUND OCTOBER 2020 (Claims January 1, 2019 to June 30, 2019)

Projected Timelines and Activities (Updated 02 03 2020)

The processes and/or timelines listed below are subject to change.
Refer to the Application Notification Letter for final instructions and deadline dates.

HOSPITALS

January 24, 2020	Data Error Report and Transfer Feedback Report identifying incomplete Trauma Registry data submitted, available for all Trauma Registrars via Box. For inquiries, please email esystems@health.ok.gov .
February 21, 2020	All incomplete/corrections in the Data Error Report must be submitted to the Trauma Registry by this deadline. (Incomplete cases are NOT eligible for Trauma Fund reimbursement.)
<p>↑ ↑ ↑</p> <p>- Above are MANDATORY TRAUMA REGISTRY ACTIVITIES -</p> <p>~~~~~</p> <p>- For interested providers only - TRAUMA FUND APPLICATION ACTIVITIES BEGINS -</p> <p>↓ ↓ ↓</p>	
March 16, 2020	Notification sent to Trauma Registrars from Emergency Systems with instructions for downloading your facility-specific Major Trauma Case List from A T & T BOX. The MAJOR TRAUMA CASE LIST identifies clinically qualified major trauma cases as reported to the Trauma Registry. It is the responsibility of Trauma Registrars to review this in order to confirm/refute the List. Detailed instructions are provided by email.
April 3, 2020	5:00 PM: Deadline to respond to OSDH Emergency Systems office for Major Trauma Case List. No changes to the Major Trauma Case List are allowed after this deadline. Any cases with data errors that were not corrected are not eligible for reimbursement. However, <u>it is still the Registrar's responsibility to complete the corrections as required for your Hospital's licensure.</u>
April 14, 2020	Notification Letter with instructions mailed from OSDH to Hospital Administrator. <i>Trauma Registrars will receive a copy of the letter with additional instructions by email.</i>
June 1, 2020*	<u>DEADLINE: Complete application package in the required format must be received in the OSDH Emergency Systems office by 5:00 P.M. – see Checklist for Submission</u>
October 2020	Anticipated date for distribution of reimbursement checks to eligible providers – <i>Installments 1 through 6.</i>

*May 30 occurs on a weekend.

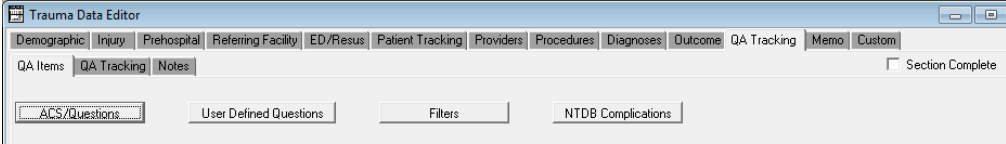
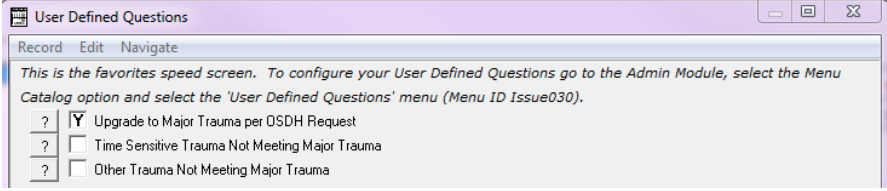
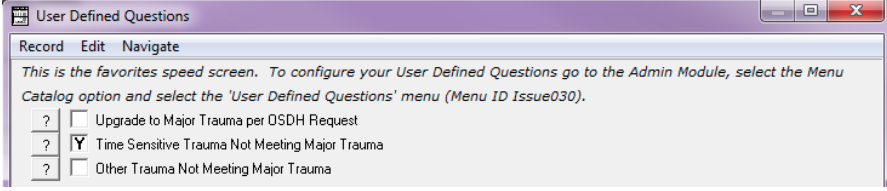
EMS PROVIDERS

April 14, 2020	Notification Letter and instructions from OSDH to EMS Director, along with a listing of cases that potentially meet "Trauma Fund – EMS Criteria" as submitted to OKEMSIS by the EMS provider. All EMS cases must be entered into OKEMSIS in accordance with OAC 310: 641-3-160.
June 15, 2020	<u>DEADLINE: Complete application package in the required format must be received in the OSDH Emergency Systems office by 5:00 P.M. – see Checklist for Submission.</u>
October 2020	Anticipated date for distribution of reimbursement checks to eligible providers – <i>Installments 1 through 6.</i>

PHYSICIANS

April 14, 2020	Notification Letter with instructions available on the Trauma Fund webpage for download.
June 15, 2020	<u>DEADLINE: Complete application package in the required format must be received in the OSDH Emergency Systems office by 5:00 P.M. – see Checklist for Submission</u>
October 2020	Anticipated date for distribution of reimbursement checks to eligible providers.

TRAUMA FUND UPDATE (Updated 02 03 2020)

Subject	Updates on current issues								
Distributions	<p>2019 October (Claims January 1, 2018 to June 30 2018)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Monthly Fund disbursement: Beginning October 2019 through March 2020</td> <td></td> </tr> <tr> <td>Installment 1: January 2020</td> <td>Installment 4: February 2020</td> </tr> <tr> <td>Installment 2: January 2020</td> <td>Installment 5:</td> </tr> <tr> <td>Installment 3: January 2020</td> <td>Installment 6:</td> </tr> </table> <p>Eligible recipients should receive notification of electronic fund transfer (EFT). Recipient payment listing is available for download from http://www.ok.gov/health/Protective Health/Emergency Systems/Trauma Division/Trauma_Care_Assistance_Revolving_Fund/Reports/index.html</p>	Monthly Fund disbursement: Beginning October 2019 through March 2020		Installment 1: January 2020	Installment 4: February 2020	Installment 2: January 2020	Installment 5:	Installment 3: January 2020	Installment 6:
	Monthly Fund disbursement: Beginning October 2019 through March 2020								
Installment 1: January 2020	Installment 4: February 2020								
Installment 2: January 2020	Installment 5:								
Installment 3: January 2020	Installment 6:								
<p>2020 April (Claims July 1 2018 to December 31, 2018))</p> <p>The application period for Hospitals closed on December 2, 2019 with EMS & Physicians closing on December 16. Completed applications are now processing for payment.</p>									
<p>2020 October (Claims January 1, 2019 to June 30, 2019)</p> <p>Trauma Fund Webinars: are scheduled on the following dates: April 15 -Hospitals; April 22- EMS; and April 29- Physicians Groups. Application period for Hospitals closes on Monday, June 1, 2020 @ 5:00 pm, with EMS & Physician Groups closing on Monday, June 15, 2020 at 5:00 pm.</p> <p>The two sets of deadlines to submit your completed application package for Trauma Fund reimbursement are set on the same dates every year: (Weekend or holiday deadline dates are moved to the following Monday at 5:00 pm).</p>									
1. OSDH Points of Contact	<ul style="list-style-type: none"> • TRAUMA FUND = Marva Williamson, Trauma Fund Coordinator, marvaw@health.ok.gov; Linda Dockery, lindald@health.ok.gov • TRAUMA REGISTRY = Yang Wan, Ph.D., YangW@health.ok.gov; esystems@health.ok.gov • OKEMISIS (EMS Database) = Martin Lansdale, martini@health.ok.gov; Xana Howard, xanah@health.ok.gov 								
2. TIME SENSITIVE CASES REPORTING in Trauma Registry (CollectorV5)	<p>An email is sent to all Registrars in early September (or March) of each year to provide guidance to locate the checkboxes for "Upgrade to Major Trauma" and "Time Sensitive Cases". To be considered for reimbursement, all major cases and time-sensitive cases must be clearly marked:</p> <ol style="list-style-type: none"> 1) QA Tracking/User Defined Questions <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;">  </div> 2) Check Yes(Y) if Upgrade to Major Trauma per OSDH Request; or <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;">  </div> 3) Check Yes(Y) if Time Sensitive Not Meeting Major Trauma <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;">  </div> 								
3. EFT PAYMENTS	<p>HB 1086 (2011) requires Oklahoma state agencies to disburse payments electronically. Providers are encouraged to provide information that would allow for EFT (Electronic Fund Transfer). If you are still receiving paper checks, please send an email to esystems@health.ok.gov . Additional information and instructions will be provided. If you have changes to your business name, address, or Tax ID, you must submit a Vendor Payee form to receive payment. Email completed forms to esystems@health.ok.gov.</p>								

Next Meetings

- Quality Improvement Committee
Comanche County Memorial Hospital, Lawton
March 5th, 2020 – 11:00 am
- Regional Planning Committee
Great Plains Technology Center, Lawton
April 2nd, 2020 – 9:00 am
- Regional Trauma Advisory Board
Great Plains Technology Center, Lawton
April 2nd, 2020 – 10:30 am

Oklahoma Trauma and Emergency Response Advisory Council (OTERAC) Workgroups/Meetings

- OTERAC Protocol Subcommittee
Oklahoma State Department of Health, Oklahoma City
February 26th, 2020 – 8:00 am
- OTERAC Regulations Workgroup
Oklahoma State Department of Health, Oklahoma City
March 10th, 2020 – 9:00 am
- OTERAC Systems Improvement and Development Workgroup
Oklahoma State Department of Health, Oklahoma City
March 11th, 2020 – 10:00 am
- OTERAC Education and Training Subcommittee
Oklahoma State Department of Health, Oklahoma City
March 20th, 2020 – 9:00 am
- Oklahoma Trauma and Emergency Response Advisory Council
Oklahoma State Department of Health, Oklahoma City
June 10th, 2020 – 1:00 pm

Training Opportunities

OKEMSIS

- March 19th, 2020 – Central Technology Center, Sapulpa
- May 28th, 2020 – OU Medicine, Oklahoma City

Trauma Registry

- March 4th, 2020 – Moore Norman Technology Center, 134th and Penn
- September 16th, 2020 – Lawton
- November 18th, 2020 – Woodward

OTEPs

- March 24th, 2020 – Region 2
- June 23rd, 2020 – Kiamichi Technology Center, Antlers
- September 22nd, 2020 – Great Plains Technology Center, Lawton
- December 8th, 2020 – High Plains Technology Center, Woodward

EMS Director Training

- March 31st, 2020 – 9:00 am - 4:00 pm
Oklahoma State Department of Health, Oklahoma City

EMS Director Training

SAVE THE DATE: Tuesday – March 31st, 2020, OSDH OKC Office, Rm 1102

The meaning of Director:

di-rec-tor n.

1. One who supervises, controls or manages.
2. A member of a group or persons chosen to control or govern the affairs of an institution or corporation.
3. A person who supervises the creative aspects of a dramatic production or film and instructs the actors or crew.
4. The conductor of an orchestra or chorus.
5. An electronic device that continually calculates and displays information used for firing weapons at moving targets, such as missiles or aircraft.

There are many definitions of a Director; the job duties are varied and multi-faceted. The position may be stand alone or combined with several areas. Each service will build their foundation requirements for the Director and it will continue to evolve. However, before anyone can begin to “direct” they must know what the expected role is within the organization.

Many of you are new directors. Many of you who have been around for awhile may not have attended any type of training for your position. This is where we can help.

This training covers the following:

OSDH Representatives, Role of Trauma and Systems, Role of Emergency Medical Services, Daily EMS Operations, Leadership/Management, Medical Direction, Protocols and CQI, Reporting, Required Records and Equipment and many others.

You will find things you didn’t know, things you did know and some things you should have known. We are here to make sure everyone is on the same playing field with the same rules.

Appendix A

EMS Provider Descriptions

Southwest Regional Trauma Plan DESCRIPTION OF EMS SERVICES

Region 3 is a large area encompassing 17 counties and covering approximately 16,295 square miles that is serviced by 30 ambulance services and 14 air transport services.

CADDO COUNTY:

1. **Apache Ambulance** is licensed as a Basic Life Support level service with two total ambulances, of which two are routinely staffed.
2. **Anadarko Fire Department EMS** is licensed as an Intermediate Life Support level service with one substation and three total ambulances, of which three are routinely staffed.
3. **Carnegie EMS** is licensed as a Basic Life Support level service with five total ambulances, of which two are routinely staffed.
4. **Medic West LLC** is licensed as a Basic Life Support level service with five total ambulance, of which two are routinely staffed.

CARTER COUNTY:

5. **Southern Oklahoma Ambulance Service** is licensed as a Basic Life Support level service with one substation and ten total ambulances, of which five are routinely staffed.

COMANCHE COUNTY:

6. **Comanche County Memorial Hospital EMS** is licensed as a Paramedic Life Support level service with three total ambulances, of which three are routinely staffed.
7. **Kirk's Emergency Service** is licensed as a Paramedic Life Support level service with eight total ambulances, of which four are routinely staffed.
8. **Reynolds Army Community Hospital** is licensed as a Paramedic Life Support level service with three total ambulances, of which one is routinely staffed.

COTTON COUNTY:

9. **Comanche County Memorial Hospital EMS** is licensed as a Paramedic Life Support level service substation with one total ambulance, of which one is routinely staffed.

GARVIN COUNTY:

10. **Elmore City EMS** is licensed as a Basic Life Support level service with two total ambulances, of which one is routinely staffed.
11. **Lindsay EMS** is licensed as an Intermediate Life Support level service with four total ambulances, of which two are routinely staffed.
12. **Paul's Valley Ambulance Authority** is licensed as a Basic Life Support level service with four total ambulances, of which two are routinely staffed.
13. **Stratford Response Area** is licensed as a Basic Life Support level service with one total ambulance, of which one is routinely staffed.

GRADY COUNTY:

14. **Chickasha Fire Department EMS** is licensed as an Intermediate Life Support level service with one substation and four total ambulances, of which four are routinely staffed.
15. **Rush Springs Fire/EMS** is licensed as a Basic Life Support level service with three total ambulances, of which two are routinely staffed.
16. **Tuttle Fire/EMS** is licensed as an Intermediate Life Support level service with one substation and three total ambulances, of which two are routinely staffed.

GREER COUNTY:

17. **Greer County Special Ambulance Service** is licensed as an Intermediate Life Support level service with one substation and four total ambulances.

HARMON COUNTY:

18. **Southwest Oklahoma Ambulance Authority** is licensed as a Basic Life Support level service with three total ambulances.

JACKSON COUNTY:

19. **Jackson County EMS** is licensed as an Intermediate Life Support level service with five total ambulances, of which three are routinely staffed.

Southwest Regional Trauma Plan

JEFFERSON COUNTY:

20. **Waurika EMS** is licensed as a Basic Life Support level service with three total ambulances, of which one is routinely staffed.

JOHNSTON COUNTY:

21. **Johnston County EMS** is licensed as a Basic Life Support level service with four total ambulances, of which two are routinely staffed.

KIOWA COUNTY:

22. **Sinor EMS – Hobart** is licensed as a Basic Life Support level service with two total ambulances.
23. **Jackson County EMS/ESD** is licensed as an Intermediate Life Support level service substation with one total ambulance, of which one is routinely staffed.

LOVE COUNTY:

24. **Mercy Health Love County** is licensed as a Paramedic Life Support level service with one substation and seven total ambulances.

MURRAY COUNTY:

25. **Murray County EMS** is licensed as a Basic Life Support level service with one substation and four total ambulances.

PONTOTOC COUNTY:

26. **Chickasaw Nation EMS** is licensed as a Basic Life Support level service with four total ambulances, of which two are routinely staffed.
27. **Mercy Hospital Ada EMS** is licensed as a Paramedic Life Support level service with one substation and eight total ambulances, of which four are routinely staffed.

STEPHENS COUNTY:

28. **American Medical Response – Duncan** is licensed as a Paramedic Life Support level service with five total ambulances, of which three are routinely staffed.
29. **American Medical Response – Marlow** is licensed as a Paramedic Life Support level service with one total ambulance, of which one is routinely staffed.
30. **Velma Community Ambulance** is licensed as a Basic Life Support level service with one total ambulance, of which one is routinely staffed.

TILLMAN COUNTY:

31. **Grandfield Ambulance Service** is licensed as a Basic Life Support level service with three total ambulances.
32. **Tillman County EMS** is licensed as a Basic Life Support level service with three total ambulances, of which two are routinely staffed.

AIR SERVICES

1. **AirEvac Lifeteam – Ada, OK**
2. **AirEvac Lifeteam – Altus, OK**
3. **AirEvac Lifeteam – Ardmore, OK**
4. **AirEvac Lifeteam – Decatur, TX**
5. **AirEvac Lifeteam – Duncan, OK**
6. **AirEvac Lifeteam – Elk City, OK**
7. **AirEvac Lifeteam – Weatherford**
8. **AirEvac Lifeteam – Wichita Falls, Texas**
9. **Apollo MedFlight – Amarillo, TX**
10. **CareFlight - Denton**
11. **CareFlight – Grand Prairie, TX**
12. **Survival Flight – Altus, OK**
13. **Survival Flight – Lawton, OK**
14. **Survival Flight – Oklahoma City**

Appendix A

EMS Provider Descriptions

Southwest Regional Trauma Plan DESCRIPTION OF EMS SERVICES

Region 3 is a large area encompassing 17 counties and covering approximately 16,295 square miles that is serviced by ~~302~~ ambulance services and ~~134~~ air transport services.

CADDO COUNTY:

1. **Apache Ambulance** is licensed as a Basic Life Support level service with two total ambulances, of which two are routinely staffed. ~~staffed with 2 First Responders, 2 Basics, 3 Intermediates, and 0 Paramedics.~~
2. **Anadarko Fire Department EMS** is licensed as an Intermediate Life Support level service ~~staffed with 4 First Responders, 7 Basics, 13 Intermediates and 1 Paramedics with one substation and three total ambulances, of which three are routinely staffed. They have 2 routine units and 3 total units and cover 240 square miles.~~
3. ~~Carnegie EMS is licensed as a Basic Life Support level service staffed with 2 First Responders, 6 Basics, 3 Intermediates and 4 Paramedics.~~
4. ~~3. They have 3 routine and 3 total units and cover 1270 square miles, with five total ambulances, of which two are routinely staffed.~~
5. ~~4. Medic West LLC has a substation located in Hinton which may be staffed with 1 Paramedic Unit, is licensed as a Basic Life Support level service with five total ambulance, of which two are routinely staffed.~~

CARTER COUNTY:

6. ~~5. Southern Oklahoma Ambulance Service is licensed as a Paramedic Basic Life Support level service staffed with 19 EMTs, 1 Advanced, and 28 Paramedics. They have 6 routine and 8 total units covering 833 square miles with 1 substation located in Healdton with 1 staffed and 1 available unit with one substation and ten total ambulances, of which five are routinely staffed.~~

COMANCHE COUNTY:

7. ~~Comanche County Memorial Hospital EMS is licensed as a Paramedic Life Support level service staffed with 0 First Responders, 13 Basics, 3 Intermediates~~
8. ~~6. and 18 Paramedics. They have 3 routine units and 6 total units and cover 500 square miles with three total ambulances, of which three are routinely staffed.~~
9. ~~7. Cache EMS is a Basic level service, which may be staffed with one unit,~~
10. ~~Kirk's Emergency Service is licensed as a Paramedic Life Support level service with eight total ambulances, of which four are routinely staffed. staffed with 0 First Responders, 6 Basics, 3 Intermediates and 11 Paramedics.~~
11. ~~7. They have 3 routine units and 6 total units that cover 500 square miles.~~
12. ~~8. Reynolds Army Community Hospital is licensed as a Paramedic Life Support level service with three total ambulances, of which one is routinely staffed.~~

COTTON COUNTY:

13. ~~9. Cotton County currently has no licensed ambulance service within the county limits. It is currently covered as needed by the next closest available ambulance service. There is approximately 350 square miles uncovered area in this Comanche County Memorial Hospital EMS is licensed as a Paramedic Life Support level service substation with one total ambulance, of which one is routinely staffed.~~

GARVIN COUNTY:

14. ~~Elmore City EMS is licensed as a Basic Life Support level service with two total ambulances, of which one is routinely staffed. staffed with 2 Paramedics, 3 Intermediates, and 2 basics with 2 First Responders.~~
15. ~~10. They have on routine unit and 1 non-staffed backup unit and cover 250 square miles~~
16. ~~11. Lindsay EMS is licensed as an Intermediate Life Support level service staffed with 0 First Responders, 8 Basics, 3 Intermediates and 12 Paramedics. They have 2 routine units and 3 total units that cover 420 square miles with four total ambulances, of which two are routinely staffed.~~
17. ~~12. Paul's Valley Ambulance Authority is licensed as a Basic Life Support level service with four total ambulances, of which two are routinely staffed. covering 450 square miles.~~
18. ~~13. Stratford Response Area is licensed as a Basic Life Support level service with one total ambulance, of which one is routinely staffed.~~

GRADY COUNTY:

19. ~~Chickasha Fire Department EMS is licensed as an Intermediate Life Support level service staffed with 3 First Responders, 9 Basics, 18 Intermediates and 12~~

Southwest Regional Trauma Plan

- ~~20-14. Paramedics. They have 2 routine units and 3 total units and cover 26 square miles. They are a 522 district, with one substation and four total ambulances, of which four are routinely staffed.~~
- ~~21. Rush Springs Fire/EMS is licensed as a Basic Life Support level service staffed with 9 First Responders, 9 Basics, 2 Intermediates and 0 Paramedics. They have~~
- ~~22-15. 2 routine units and 2 total units and cover 345 square miles, with three total ambulances, of which two are routinely staffed.~~
- ~~23-16. Tuttle Fire/EMS is licensed as an Intermediate Life Support level service with one substation and three total ambulances, of which two are routinely staffed.~~

GREER COUNTY:

- ~~24. Greer County Special Ambulance Service is licensed as an Intermediate Life Support level service staffed with 8 First Responders, 4 Basics, 4 Intermediates and~~
- ~~25-17. 1 Paramedics. They have 3 routine units and 4 total units and cover 960 square miles. They are a 522 district with one substation and four total ambulances.~~

HARMON COUNTY:

- ~~26. Southwest Oklahoma Ambulance Authority is licensed as a Basic Life Support level service staffed with 2 First Responders, 4 Basics, 1 Intermediates and~~
- ~~27-18. 1 Paramedics. They have 2 routine units and 3 total units and cover 538 square miles. They are a 522 district with three total ambulances.~~

JACKSON COUNTY:

- ~~28. Jackson County EMS is licensed as an Intermediate Life Support level service staffed with 1 First Responders, 8 Basics, 2 Intermediates and 9 Paramedics.~~
- ~~29-19. They have 2 routine units and 3 total units and cover 780 square miles. They are a 522 district, with five total ambulances, of which three are routinely staffed.~~

JEFFERSON COUNTY:

- ~~30. Waurika EMS is licensed as a Basic Life Support level service staffed with 5 First Responders, 3 Basics, 1 Intermediates and 0~~
- ~~31-20. Paramedics. They have 2 units and cover 2000 square miles, with three total ambulances, of which one is routinely staffed.~~

JOHNSTON COUNTY:

- ~~32. Johnston County EMS is licensed as a Basic Life Support level service staffed with 1 First Responders, 1 Basics, 6 Intermediates and 0 Paramedics. They~~
- ~~33-21. have 3 units and cover 636 square miles with four total ambulances, of which two are routinely staffed.~~

KIOWA COUNTY:

- ~~34. Sinor EMS – Hobart is licensed as a Basic Life Support level service staffed with 1 First Responder, 4 Basics, 4 Intermediates, and 3 Paramedics.~~
- ~~35-22. They have 2 units that cover 305 square miles with two total ambulances.~~
- ~~36-23. Jackson County EMS/ESD is licensed as an Intermediate Life Support level service substation with one total ambulance, of which one is routinely staffed.~~

LOVE COUNTY:

- ~~37. Mercy Health Love County is licensed as a Paramedic Life Support level service staffed with 0 First Responders, 4 Basics, 0 Intermediates and 8~~
- ~~38-24. Paramedics. They have 2 routine units and 4 total units and cover 480 square miles. They are a 522 district with one substation and seven total ambulances.~~

MURRAY COUNTY:

- ~~39. Murray County EMS is licensed as a Basic Life Support level service staffed with 0 First Responders, 8 Basics, 2 Intermediates and 9 Paramedics.~~
- ~~40-25. They have 2 routine and 3 total units and cover 400 square miles. They are a 522 district with one substation and four total ambulances.~~

PONTOTOC COUNTY:

Southwest Regional Trauma Plan

~~41-26. Chickasaw Nation EMS is licensed as a Basic Life Support level Sservice-staffed with 0 First Responders, 3 Basics, 4 Intermediates and 6 Paramedics. They have 2 routine units and 3 total units and cover square miles with four total ambulances, of which two are routinely staffed.~~

~~42-27. Mercy Hospital Ada EMS is licensed as a Paramedic Life Support level Sservice with one substation and eight total ambulances, of which four are routinely staffed.~~

STEPHENS COUNTY:

~~43. American Medical Response – Duncan is licensed as a Paramedic Life Support level Sservice-staffed with 0 First Responders, 3 Basics, 2 Intermediates and~~

~~44-28. 14 Paramedics. They have 2 routine units and 6 total units and cover 400 square miles with five total ambulances, of which three are routinely staffed.~~

~~45-29. American Medical Response – Marlow is licensed as a Paramedic Life Support level Sservice-staffed with 0 First Responders, 3 Basics, 2 Intermediates and 14 Paramedics. They have 1 unit and cover 1500 square miles with one total ambulance, of which one is routinely staffed.~~

~~46. Velma Community Ambulance is licensed as a Basic Life Support level Sservice-staffed with 10 First Responders, 5 Basics, 0 Intermediates and 0~~

~~47-30. Paramedics. They have 1 unit and cover 238 square miles with one total ambulance, of which one is routinely staffed.~~

TILLMAN COUNTY:

~~48. Grandfield Ambulance Service is licensed as a Basic Life Support level Sservice-staffed with 0 First Responders, 2 Basics, 2 Intermediates and 0~~

~~49-31. Paramedics. They have 2 units and cover 350 square miles with three total ambulances.~~

~~50. Tillman County EMS is licensed as a Basic Life Support level Sservice staffed with 3 First Responders, 5 Basics, 1 Intermediates and 2 Paramedics. They have 2~~

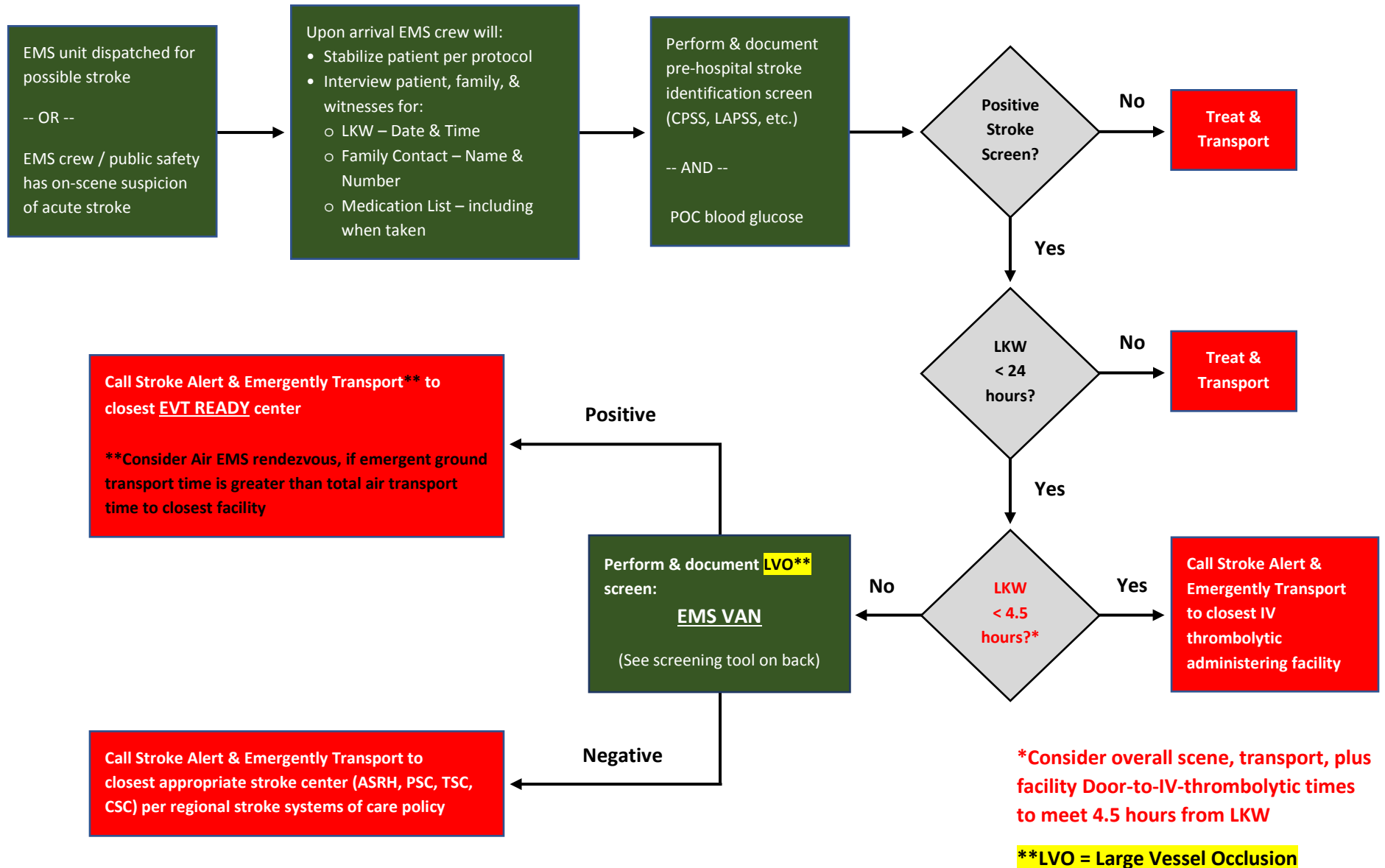
~~51-32. routine units and 3 total units and cover 900 square miles with three total ambulances, of which two are routinely staffed.~~

AIR SERVICES

1. AirEvac Lifeteam – Ada, OK
2. AirEvac Lifeteam – Altus, OK
3. AirEvac Lifeteam – Ardmore, OK
4. AirEvac Lifeteam – Decatur, TX
5. AirEvac Lifeteam – Duncan, OK
6. AirEvac Lifeteam – Elk City, OK
7. AirEvac Lifeteam – Weatherford
8. Air-Evac Lifeteam – Wichita Falls, Texas
9. Apollo MedFlight – Amarillo, TX
10. CareFlight - Denton
11. CareFlight – Grand Prairie, TX
12. Survival Flight – Altus, OK
13. Survival Flight – Lawton, OK
14. Survival Flight – Oklahoma City



SEVERITY-BASED STROKE TRIAGE GUIDELINE ALGORITHM FOR RURAL EMS



OSSCAR Created: 10/2020; OSSSAC Approved: _____

References: Powers, W. J., et al. (2019). Guidelines for the Early Management of Patients With Acute Ischemic Stroke: 2019 Update to the 2018 Guidelines for the Early Management of Acute Ischemic Stroke: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. Retrieved from <https://www.ahajournals.org/doi/10.1161/STR.0000000000000211>
Teleb, M. (2016). Learn VAN. Retrieved from <https://www.strokevan.com/learn-van/>

EMS VAN: Acute Stroke Screening Tool
(for Large Vessel Occlusions)

Is ARM weakness present?

- Yes** **Continue the VAN exam.**
- No** **Patient is VAN negative. Stop VAN exam.**

	Yes	No
Visual Disturbance?		
Aphasia?		
Neglect?		

If patient has **any degree of weakness PLUS any 1** of the below:

- V**isual Disturbance - (Assess field cut by testing both sides, 2 fingers right, 1 left)
- A**phasia - (Inability to speak or understand. Repeat and name 2 objects, close eyes, make fist)
- N**eglect - (Forced gaze to one side or ignoring one side, touching both sides)

This is likely a large artery clot (cortical symptoms) = **VAN Positive**



**Getting the right patient to the right place,
receiving the right treatment in the right amount
of time...**



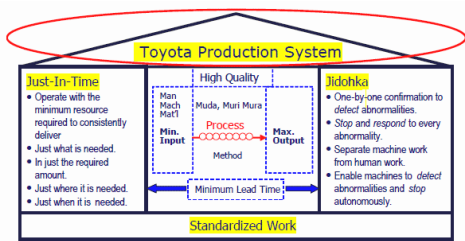
Overview

- Lean processes
- Six Sigma methodology
- Where do we go from here?

Lean

- Eliminates or reduces waste
- Improves process flow

Lean



Five principles of Lean

Five principles of Lean

1. Define value (expectation) from the customer perspective

Value Added vs Non-Value Added

Does each process step add or detract value?

- Value adding steps are any activity that transforms a product to meet the customer’s needs
- Non-value adding steps add time or cost without adding value to the customer

Five principles of Lean

2. Identify the value stream and eliminate waste
a. Examples of where waste can occur:

- Talent
- Motion
- Transportation
- Overproduction
- Inventory
- Waiting
- Defects
- Over processing

Five principles of Lean

3. Make value flow at the pull of the customer



Five principles of Lean

4. Involve and empower employees

Five principles of Lean

5. Create a continuous improvement culture



How does BMW paint its cars?



[BMW Paint Process](#)

Six Sigma

- Eliminates or reduces variation
- Improves capability

Six Sigma Process Improvement – DMAIC

DMAIC

- Define the issue

DMAIC

- Define the issue
- Measure the current state

DMAIC

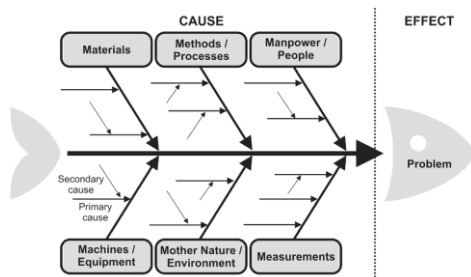
- Define the issue
- Measure the current state
- Analyze and identify improvement opportunities

DMAIC

- Define the issue
- Measure the current state
- Analyze and identify improvement opportunities
- Improve by implementing the best opportunities

DMAIC

- Define the issue
- Measure the current state
- Analyze and identify improvement opportunities
- Improve by implementing the best opportunities
- Control and monitor the new process

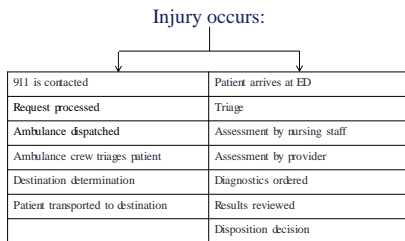


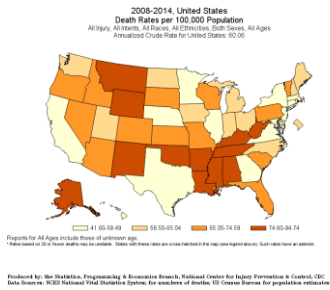
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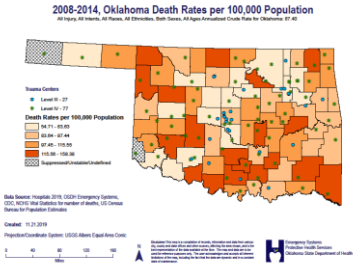
- Lean processes
- Six Sigma methodology
- Where do we go from here?

How do we apply this knowledge?

A (Brief) Overview of the Oklahoma Trauma Process







Define the problem:

- Priority 1 Trauma patients are being transported to inappropriate facilities
- Priority 1 Trauma patients have too great a length of stay at sending hospitals

Measure – Regional OKEMIS numbers

January 1st, 2018 – December 31st, 2018 as reported on November 25th, 2019

Region	Number of Priority 1 patients originating in region	Number of total P-1 patients transported to an in-region Level III or IV	Number of patients needed to reduce by 3%
3	479	340 70.98%	10.20
Statewide	2,737	1,077 39.34%	35.58

Measure – Regional Trauma Registry numbers*

January 1st, 2018 – December 31st, 2018 as reported on December 18th, 2019

Region	Number of Transferred Priority 1 patients by region	Average Length of Stay at the initial facility in minutes	Number of minutes needed to reduce by 3%
3	113	160	4.8
Statewide	609	177	5.31

Analyze and identify improvement opportunities:







Oklahoma State Department of Health
Creating a State of Health

This publication was issued by the Oklahoma State Department of Health (OSDH), an equal opportunity employer and provider. A digital file has been deposited with the Publications Depository of the Oklahoma Department of Libraries in compliance with section 3-124 of Title 60 of the Oklahoma Statutes and is available for download at www.documents.ok.gov.



Oklahoma State Department of Health
 Creating a State of Health

OKLAHOMA TRAUMA SYSTEM QUALITY IMPROVEMENT PROCESS REFERRAL FORM

Please complete this form and attach related records.

Reporting individual contact information		<input type="checkbox"/> I wish to remain anonymous
<i>Date</i>		
<i>Full name and title</i>		
<i>Organization</i>		
<i>Telephone number</i>		
<i>Email address</i>		

Patient information for review	
<i>Date of incident</i>	
<i>Name of patient</i>	
<i>Patient date of birth</i>	
<i>Your medical record#</i>	
<i>Name of any other involved agency/facility</i>	

Reason for requesting review: <i>(Check all applicable boxes and include a brief narrative)</i>
<input type="checkbox"/> <i>Good Job!</i>
<input type="checkbox"/> <i>Incorrect application of the Trauma Triage, Transport, and Transport Algorithm</i>
<input type="checkbox"/> <i>Deviation from Regional Trauma Plan</i>
<input type="checkbox"/> <i>Delay in care</i>
<input type="checkbox"/> <i>Communication problems</i>
<input type="checkbox"/> <i>Refusal</i>
<input type="checkbox"/> <i>Other(please specify)</i>
Additional information:

Mail, fax, or email to:
 OKLAHOMA STATE DEPT OF HEALTH
 EMERGENCY SYSTEMS: Attn. CQI
 1000 NE 10TH STREET OKLAHOMA CITY, OK 73117-1299
 Phone: (405) 271-4027 Fax (405) 271-1045
 Email: esystems@health.ok.gov

REGIONAL TRAUMA ADVISORY BOARD
Authorized Representative Form 2020

DATE: _____

- NEW APPOINTMENT
 UPDATED APPOINTMENT

TRAUMA REGION:

- | | | |
|-----------------------------------|--|--------------------------------------|
| <input type="checkbox"/> NW REG-1 | <input type="checkbox"/> EC REG-4 | <input type="checkbox"/> TULSA REG-7 |
| <input type="checkbox"/> NE REG-2 | <input type="checkbox"/> SE REG-5 | <input type="checkbox"/> OKC REG-8 |
| <input type="checkbox"/> SW REG-3 | <input type="checkbox"/> CENTRAL REG-6 | |

ORGANIZATION NAME: _____

INDIVIDUAL AUTHORIZING APPOINTMENT OF RTAB REPRESENTATIVES:

Name: _____

Job Title: Hosp Admin. /or _____ EMS Director /or _____

Signature: _____

DESIGNATED REPRESENTATIVE: (please print legibly)

Name: _____

Job Title: _____

Email: _____

Telephone: _____

Facsimile: _____

ALTERNATE REPRESENTATIVE: (please print legibly)

Name: _____

Job Title: _____

Email: _____

Telephone: _____

Facsimile: _____

*** Please fax to the Emergency Systems at (405) 271-4240*** Update Annually***

Office Use Only:

<input type="checkbox"/> Distribution List	<input type="checkbox"/> Attendance Roster
<input type="checkbox"/> Sign in Form	<input type="checkbox"/> Vote Call Form
(If new facility/agency – update rotation – trauma plans)	