January 19, 2017

Orange County Board of Supervisors
10 Civic Center Plaza
Santa Ana, CA  92701

Subject: Health Care Agency Proposed EMS Provider Fees

Honorable Board Members:

The purpose of this correspondence is to inform you that on January 6, 2017, the Orange County Emergency Medical Care Committee, an advisory committee to the Board of Supervisors, reviewed the proposed Health Care Agency emergency medical services (EMS) provider fees to become effective when approved by the Board of Supervisors.

The Heath Care Agency notified all concerned parties regarding the proposed fees. Written and verbal comments from representatives of the Hospital Association of Southern California were received in opposition to new fees proposed for the designations of emergency receiving centers; pediatric receiving centers; cardiac receiving centers; and stroke/neuro receiving centers. Following discussions with the Ambulance Association of Orange County, EMS received a letter supporting all of the EMS provider fees.

The Emergency Medical Care Committee is recommending that the proposed EMS provider fees for ambulance company licensure; ambulance company unit licensure; Ambulance Driver/Attendant Licensure (Biennial); EMT OC Certification; Card Replacement; Paramedic OC Accreditation; Mobile Intensive Care Nurse Application; Trauma Receiving Center Designation; Continuing Education Provider Application; EMT Training Program Application; Paramedic Training Program Application; Interfacility Transport Service Provider Application; and Customized Data Reports be approved by the Board of Supervisors.

Additionally, committee members recommended that Orange County EMS and the Hospital Association of Southern California continue dialogue regarding the proposed fees for Emergency Receiving Center Designation; Pediatric Receiving Center Designation; Cardiac Receiving Center Designation and Stroke/Neurology Receiving Center Designation.

Please contact Tammi McConnell, MSN, RN, EMS Administrator, Health Care Agency/Emergency Medical Services division, at (714) 834-2791 with any questions you may have regarding this issue.

Respectfully,

Fire Chief Wolfgang Knabe, Chair
Emergency Medical Care Committee
Date: January 27, 2017

To: EMS Distribution

From: Tammi McConnell MSN, RN
   EMS Administrator

Subject: EMS Performance Chief Announcement

Orange County Emergency Medical Services (OCEMS) is pleased to announce that Adrian Rodriguez has been promoted to the position of EMS Performance Chief effective February 3, 2017. As the EMS Performance Chief, Adrian will oversee the administration of emergency medical services as they relate to ambulance regulation and performance contracts.

Since 2014, Adrian has served as an OCEMS Specialist and has applied his years of ambulance operations and training expertise. He is well prepared to provide the leadership and coordination necessary within the EMS Performance Section. We welcome Adrian into his role as EMS Performance Chief.

Adrian Rodriguez
EMS Performance Chief
Orange County Emergency Medical Services
405 W. Fifth Street, Suite 301A
Santa Ana, CA 92701
714-834-2171
arodriguez@ochca.com
January 31, 2017

TO: ORANGE COUNTY EMS DISTRIBUTION LIST

FROM: SAM J. STRATTON, MD, MPH
MEDICAL DIRECTOR, ORANGE COUNTY EMS

SUBJECT: REVISIONS TO STANDING ORDERS, POLICIES AND PROCEDURES FOR APRIL 1, 2017 RELEASE

The attached memorandum has been previously distributed to county-wide meetings attended by OCEMS staff during the month of January 2017 and is now being posted for reference.
January 1, 2017

TO: ORANGE COUNTY BASE HOSPITAL PHYSICIANS
   ORANGE COUNTY BASE HOSPITAL COORDINATORS
   ORANGE COUNTY EMERGENCY MEDICAL RESPONSE AGENCIES
   ORANGE COUNTY IFT-ALS PROVIDERS

FROM: SAM J. STRATTON, MD, MPH
      MEDICAL DIRECTOR, ORANGE COUNTY EMS

SUBJECT: REVISIONS TO STANDING ORDERS, POLICIES AND PROCEDURES FOR APRIL 1, 2017 RELEASE

The following revisions will be made in OCEMS First Responder and ALS Standing Orders effective April 1, 2017. The changes may be implemented by providers if updating of inventory or personnel is accomplished prior to April 1, 2017.

1. Addition of Naloxone (Narcan™) 4 mg/0.1 mL preload nasal spray to ALS inventory list as an optional item.

2. Epinephrine dosing changed from ratios to concentrations:
   a. 1:10000 is now 0.1 mg/mL
   b. 1:1000 is now 1.0 mg/mL

3. Addition of Epi-Pen Junior to ALS inventory list as an optional item.

4. Push dose Epinephrine, 10 mcg concentration for severe hypotensive states unresponsive to fluid resuscitation with mandatory Base Hospital contact has been added.

5. GONITRO™ sublingual powder, single dose packets have been added to policy and standing orders.

6. Addition of the LifeVest ® verbiage to Standing Orders C-10 and C-15.

7. Adenosine 6 mg/2 mL vials and preloads as optional inventory, and clarification of adenosine dosing for pediatric patients (I-20).

8. Removal of D50% and D25%. Developed a D10% Procedure.
9. SO-C-45 and SO-P 110 for management of left-ventricular assist device (LVAD) patients have been added to the OCEMS ALS Standing Orders.

10. SO-P-15 for General Injury and Trauma in the pediatric patient has been added.

11. SPC-SO-1 Special Deployments (Fireline/Tactical/ALS Air) has been added to the OCEMS ALS Standing Orders.

12. Procedure guidelines for the Adult King LT-D™/LTS-D™ as an optional device for advanced airway management has been added to the OCEMS Procedures.

13. B-05-P Pediatric Spinal Motion Restriction (SMR) has been added to the OCEMS Procedures.

14. IFT-SO-04 by OCEMS-approved IFT-ALS provider agencies that have been specifically trained in the evaluation and treatment of hospice patients to render hospice care has been added to the OCEMS ALS Standing Orders.

15. A new policy and a series of Fire Service Authorized Registered Nurse (ARN) Standing Orders allowing the Fire Service ARN to care for providers during rehabilitation periods have been added to the OCEMS ALS Standing Orders.

16. SO-M-55 Sepsis has been updated to include the qSOFA method for identification and early management of the septic patient.

17. PR-210 for the monitoring of neuromuscular blockers has been updated to include Midazolam sedation when necessary.

18. B-35 has been updated and the Mark 1 Kit has been removed.

19. Algorithms have been incorporated to several cardiac standing orders.

19. SO-P-05 ALTE has retained is name but an "AKA" was added to include "Brief Resolved Unexplained Events" (BRUE) to highlight the naming convention transition.

20. Standing orders and P&Ps have been updated to utilized an age for pediatrics at "younger than 15 years of age" consistent with the American College of Surgeons Committee on Trauma.

21. Policy #090.00 Definitions has been updated.

22. SO-M-50 routes of adult administration for midazolam made consistent throughout standing orders with IV/IM/IN as acceptable routes.
February 9, 2017

Tammi McConnell, RN, MSN
Administrator
Orange County EMS Agency
405 West Fifth Street, Suite 301A
Santa Ana, CA 92701

Dear Ms. McConnell:

The EMS Authority (EMSA) has approved Orange County’s 2016 Trauma System Status Report. Thank you for providing the report in compliance with EMSA’s Annual Trauma System Status Report Guidelines. All Orange County’s trauma system information provided in the report and subsequent correspondence is in compliance with California Code of Regulations, Title 22 Trauma Care Systems.

In accordance with the regulations, Section 100253, the local EMS agency shall submit to the EMS Authority an annual trauma system status report. Upon review of the report, the EMS Authority has the following required actions/recommendations/comments:

**Trauma System Summary**
- Accepted as Written [ ]
- Required Action [ ]
- Recommendation [ ]
- Comment [ ]

**Changes in Trauma System**
- Accepted as Written [ ]
- Required Action [ ]
- Recommendation [ ]
- Comment [ ]

**Number and Designation Level of Trauma Centers**
- Accepted as Written [ ]
- Required Action [ ]
- Recommendation [ ]
- Comment [ ]

**Trauma System Goals and Objectives**
- Accepted as Written [ ]
- Required Action [ ]
- Recommendation [ ]
- Comment [ ]

**Changes to Implementation Schedule**
- Accepted as Written [ ]
- Required Action [ ]
- Recommendation [ ]
- Comment [ ]

**System Performance Improvement**
- Accepted as Written [ ]
- Required Action [ ]
- Recommendation [ ]
- Comment [ ]
Progress on Addressing EMS Authority Trauma System Plan/Status Report

Action Items
☑ Accepted as Written □ Required Action □ Recommendation □ Comment

Thank you again for submitting a report on Orange County's Trauma System. Your next Trauma System Status Report will be due February 9, 2018 (see attached format). Please provide us with an electronic copy. If you have any questions, please contact Tom McGinnis at (916) 322-4336 or tom.mcginnis@emsa.ca.gov.

Sincerely,

Howard Backer, MD, MPH, FACEP
Director

Attachment
March 1, 2017

To: Emergency Medical Services Distribution

From: Tammi McConnell, MSN, RN, EMS Administrator
Emergency Medical Services

SUBJECT: REVISION TO EMS FEES

This is to inform you that the Orange County Board of Supervisors approved the following new and revised emergency medical services provider fees at its February 14, 2017 meeting.

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambulance Company License</td>
<td>$2,140 per year</td>
</tr>
<tr>
<td>Ambulance Company Unit Inspection/vehicle</td>
<td>$153 per year</td>
</tr>
<tr>
<td>Ambulance Company Unit Re-Inspection/vehicle</td>
<td>$104 per hour</td>
</tr>
<tr>
<td>Ambulance Driver/Attendant License(1)(4)</td>
<td>$82 every two years</td>
</tr>
<tr>
<td>EMT OC Certification(2)</td>
<td>$120 every two years</td>
</tr>
<tr>
<td>Card Replacement</td>
<td>$25</td>
</tr>
<tr>
<td>Paramedic Accreditation</td>
<td>$69</td>
</tr>
<tr>
<td>Mobile Intensive Care Nurse Application</td>
<td>$103 every two years</td>
</tr>
<tr>
<td>Trauma Receiving Center(3)</td>
<td>$8,818 every three years</td>
</tr>
<tr>
<td>Continuing Education Provider Application</td>
<td>$311 every four years</td>
</tr>
<tr>
<td>EMT Training Program Application</td>
<td>$884 every four years</td>
</tr>
<tr>
<td>Paramedic Training Program Application</td>
<td>$893 every four years</td>
</tr>
<tr>
<td>Interfacility Transport Service Provider Application</td>
<td>$1,461 per year</td>
</tr>
<tr>
<td>Customized Data Reports</td>
<td>$104 per hour</td>
</tr>
</tbody>
</table>

1. License expiration shall not exceed the individual’s EMT certification date
2. Does not include State pass-through fee(s) ($75 initial; $37 recertification)
3. Does not include American College of Surgeons and accommodation costs
4. Ambulance Drive/Attendant License fee will be waived if applicant obtains their EMT OC Certification through Orange County EMS

The rates are effective April 1, 2017. If you have any questions, please contact me at (714) 834-3500.

TME:ee#2904

Attachment: Board Resolution No. 07-025
RESOLUTION OF THE BOARD OF SUPERVISORS OF
ORANGE COUNTY, CALIFORNIA

February 14, 2017

WHEREAS, the Health Care Agency is proposing to update its Emergency Medical Services Provider fee schedule; and,

WHEREAS, Orange County Emergency Medical Services Division within the Health Care Agency is the Local Emergency Medical Services Agency and, accordingly, is responsible for Emergency Medical System management including direction, coordination, and evaluation of emergency medical services for the County of Orange; and,

WHEREAS, Orange County Emergency Medical Services Division within the Health Care Agency provides oversight to all providers of emergency medical services; and,

WHEREAS, the fees listed herein are authorized by law, including Division 2.5 of the Health and Safety Code and Division 9 of Title 22 of the California Code of Regulations; and,

WHEREAS, this Board has conducted a Public Hearing.

NOW, THEREFORE, BE IT RESOLVED that this Board finds that the fees listed herein are for the purposes of meeting operating expenses and are, therefore, statutorily exempt from California Environmental Quality Act (CEQA) per Section 15273 of the CEQA Guidelines.

IT IS FURTHER RESOLVED THAT this Board finds that these fees meet the requirements set forth in subdivision (e)(1), (e)(2), or (e)(3), as applicable, of Section 1 of Article XIII C of the California Constitution, and are therefore exempt from the definition of a tax as used therein.

BE IT FURTHER RESOLVED that effective January 1, 2017, this Board hereby establishes Emergency Medical Services Provider fees, and hereby rescinds Resolution No. 05-096 dated April 12, 2005, and the following Orange County Emergency Medical Services Division fees are established for CY 2017 (effective January 1, 2017 – December 31, 2017), CY

Resolution No. 17- 025, Item No. 45
Emergency Medical Services Fee Update
2018 (effective January 1, 2018 = December 31, 2018), and CY 2019 (effective January 1, 2019)
- December 31, 2019) as follows:

**Emergency Medical Services Provider Fee Schedule**

<table>
<thead>
<tr>
<th>EMS Provider Fee Title</th>
<th>Frequency</th>
<th>CY 2017</th>
<th>CY 2018</th>
<th>CY 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambulance Company License</td>
<td>Annual</td>
<td>$2,140</td>
<td>$2,207</td>
<td>$2,234</td>
</tr>
<tr>
<td>Ambulance Company Unit Inspection/per vehicle</td>
<td>Annual</td>
<td>$153</td>
<td>$158</td>
<td>$160</td>
</tr>
<tr>
<td>Ambulance Company Unit Re-inspection/vehicle</td>
<td>Hourly</td>
<td>$104</td>
<td>$107</td>
<td>$109</td>
</tr>
<tr>
<td>Ambulance Driver/Attendant License¹</td>
<td>Biennial</td>
<td>$82</td>
<td>$84</td>
<td>$85</td>
</tr>
<tr>
<td>EMT OC Certification</td>
<td>Biennial</td>
<td>$120²</td>
<td>$124²</td>
<td>$125²</td>
</tr>
<tr>
<td>Card Replacement</td>
<td>Variable</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>Paramedic Accreditation</td>
<td></td>
<td>$69</td>
<td>$72</td>
<td>$73</td>
</tr>
<tr>
<td>Mobile Intensive Care Nurse Application</td>
<td>Biennial</td>
<td>$103</td>
<td>$107</td>
<td>$108</td>
</tr>
<tr>
<td>Trauma Receiving Center</td>
<td>Triennial</td>
<td>$8,818³</td>
<td>$9,079³</td>
<td>$9,185³</td>
</tr>
<tr>
<td>Continuing Education Provider Application</td>
<td>4 years</td>
<td>$311</td>
<td>$321</td>
<td>$325</td>
</tr>
<tr>
<td>EMT Training Program Application</td>
<td></td>
<td>$884</td>
<td>$912</td>
<td>$923</td>
</tr>
<tr>
<td>Paramedic Training Program Application</td>
<td></td>
<td>$893</td>
<td>$921</td>
<td>$932</td>
</tr>
<tr>
<td>Interfacility Transport Service Provider Application</td>
<td>Annual</td>
<td>$1,461</td>
<td>$1,506</td>
<td>$1,525</td>
</tr>
<tr>
<td>Customized Data Report</td>
<td>Hourly</td>
<td>$104</td>
<td>$107</td>
<td>$109</td>
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¹ License expiration shall not exceed the individual’s EMT certification expiration date
² Does not include State pass-through fee(s) ($75 initial; $37 recertification)
³ Does not include American College of Surgeons & accommodation costs

BE IT FURTHER RESOLVED that the $82 fee in CY 2017, the $84 fee in CY 2018, and the $85 fee in CY 2019 for the Ambulance Driver/Attendant License will be waived if the licensee obtains their EMT OC Certification through Orange County EMS.

BE IT FURTHER RESOLVED that on or about January 1, 2020, and each three years thereafter, the Auditor–Controller shall perform a cost recovery analysis for the program. The Health Care Agency shall adjust the recommended fee schedule based upon the Auditor-Controller’s determination of actual costs and return to this Board for consideration of the recommended fee schedule.

Resolution No. 17-025, Item No. 45
Emergency Medical Services Fee Update
The foregoing was passed and adopted by the following vote of the Orange County Board of Supervisors, on February 14, 2017, to wit:

AYES: Supervisors: TODD SPITZER, LISA A. BARTLETT, ANDREW DO
       MICHELLE STEEL
NOES: Supervisor(s): SHAWN NELSON
EXCUSED: Supervisor(s):
ABSTAINED: Supervisor(s):

[Signature]

CHAIRWOMAN

STATE OF CALIFORNIA )
COUNTY OF ORANGE )

I, ROBIN STIELER, Clerk of the Board of Orange County, California, hereby certify that a copy of this document has been delivered to the Chairman of the Board and that the above and foregoing Resolution was duly and regularly adopted by the Orange County Board of Supervisors.

IN WITNESS WHEREOF, I have hereto set my hand and seal.

[Signature]

ROBIN STIELER
Clerk of the Board
County of Orange, State of California

Resolution No: 17-025
Agenda Date: 02/14/2017
Item No: 45

[Signature]

Robin Stieler, Clerk of the Board of Supervisors

By: ____________________________
    Deputy
MARCH 7, 2017

TO: ORANGE COUNTY BASE HOSPITAL CHIEF EXECUTIVE OFFICERS
    ORANGE COUNTY BASE HOSPITAL MEDICAL DIRECTORS
    ORANGE COUNTY BASE HOSPITAL NURSE COORDINATORS

FROM: SAM J. STRATTON, MD, MPH
      MEDICAL DIRECTOR, ORANGE COUNTY EMS

SUBJECT: REQUEST FOR ONGOING BASE HOSPITAL OPERATION COMMITMENT

Currently, six of the 24 Emergency Receiving Center hospitals within the Orange County Emergency Medical Services (EMS) system voluntarily provide EMS Base Hospital support for the entire County. This type of model for Base Hospital support of EMS is standard in other California counties and has been in place in Orange County for more than four decades. The six Orange County Base Hospitals provide 24/7 on-line radio consultation and direction for the 1,000 paramedics responding to the emergency needs of Orange County residents and visitors who in 2016, accessed the 9-1-1 Emergency System more than 190,000 times. The expertise and contribution of Base Hospitals is valued by the EMS system because they provide important community services to sustain day-to-day emergency medical services and provide an important component for a medical response to disasters and public health emergencies.

At the February 14, 2017, Orange County Board of Supervisors meeting, Orange County Health Care Agency staff were directed "to see how to streamline the process to reduce the hospital base station cost as part of the 2020 fee study". Orange County EMS Agency (OCEMS) staff is seeking your input and suggestions to streamline and reduce costs.

In planning for future operations, it is important for OCEMS to determine which Base Hospitals are interested in continuing with this service and consider other hospitals that have expressed interest in becoming a Base Hospital. For this reason, please confirm your hospital's intent to continue or discontinue Base Hospital Operations during the next three years.

Please provide your response and any suggestions to Sam J. Stratton, MD at the letterhead address above or by email to ssstratton@ochca.com.

SJS:st#2608
Orange County Emergency Medical Services has released the following draft new policy which is posted for a 50-day public comment review period (3/9/2017 to 4/28/2017 at 3:00 PM):

- #XXX.XX (new) Stroke Ready Hospitals

Please review the policy and submit comments on our webpage:

http://healthdisasteroc.org/ems

TM:em #2910
I. AUTHORITY:
California Health and Safety Code, Division 2.5, Section 1798.170.

II. APPLICATION:
This policy defines the mechanism for identifying an Orange County Stroke Ready Hospital that is listed as appropriate to receive patients transported within the Orange County Emergency Medical Services (OCEMS) system.

Patients eligible for 9-1-1 field triage to a Stroke Ready Hospital include those who meet OCEMS criteria for triage as an acute ischemic or hemorrhagic cerebral vascular event (OCEMS ALS Standing Order SO-M-25). Trauma related cranial-cerebral events will be managed in the OCEMS Trauma System.

III. OCEMS IDENTIFICATION OF A STROKE READY HOSPITAL:

A. Hospital is designated as an OCEMS Emergency Receiving Center (ERC) and in good standing,

B. Hospital submits a written request to the OCEMS Medical Director to receive acute stroke patients.

C. Hospital must be currently accredited by a Centers for Medicare and Medicaid Services (CMS) deeming authority (includes Joint Commission, Det Norske Veritas Healthcare, and Health Facilities Accreditation Program) as a primary or higher level stroke care hospital.

IV. DATA COLLECTION:
For OCEMS to assure efficiency and appropriateness of field triage, transport, and EMS field management of acute stroke victims, data will be reported by each Stroke Ready Hospital to the Orange County Medical Emergency Data System (OC-MEDS) within 10 (ten) days from the time of collection of the last data element as defined in OCEMS Policy # 300.10 (OC-MEDS Documentation Standards) and Policy 650.10 (Stroke Registry Data Dictionary).

V. DEFERMENT OF OCEMS STROKE READY TRIAGE STATUS:

A. Failure to submit data as described in Section IV of this policy for greater than 30 days will result in removal from the Stroke Ready Hospital destination list for triage of EMS patients suspected of having an acute stroke.

C. Failure to accept transfer of an acute stroke patient from a community hospital or a primary level accredited Stroke Ready Hospital when accredited as a Comprehensive Stroke Center will result in removal from the Stroke Ready Hospital destination list for triage of EMS patients suspected of having an acute stroke
STROKE READY HOSPITALS

Approved:

Sam J. Stratton, MD, MPH
OCEMS Medical Director

Tammi McConnell, MSN, RN
OCEMS Administrator

Original Date:
Reviewed Date(s):
Revised Date(s):
Effective Date:
Anticipated Appointments and Reappointments

New Appointments made by Orange County EMS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Representing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linda Voss, Executive Director</td>
<td>American Red Cross, OC Chapter</td>
</tr>
<tr>
<td>Karen Sharp, RN</td>
<td>Hospital Association of Southern California</td>
</tr>
<tr>
<td>Nick Anas, MD</td>
<td>Orange County Medical Association</td>
</tr>
<tr>
<td>Tuan Nguyen, MD</td>
<td>Orange County Medical Association (ED Physician)</td>
</tr>
<tr>
<td>Chief Charles Celano, Jr.</td>
<td>Orange County Police Chiefs &amp; Sheriffs Association</td>
</tr>
</tbody>
</table>

Reappointments made by Orange County EMS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Representing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jim Karras</td>
<td>Ambulance Association of Orange County</td>
</tr>
<tr>
<td>Trez Gutierrez, RN</td>
<td>Orange Coast Emergency Nurses Association</td>
</tr>
<tr>
<td>Lindley Garcia, RN</td>
<td>Orange County Business Council</td>
</tr>
<tr>
<td>Chief Wolfgang Knabe</td>
<td>Orange County Fire Chiefs’ Association</td>
</tr>
<tr>
<td>Rebecca Gomez</td>
<td>Orange County Senior Citizens Advisory Council</td>
</tr>
</tbody>
</table>

Appointments made by the Board of Supervisors:

<table>
<thead>
<tr>
<th>Name</th>
<th>Representing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appointment pending.</td>
<td>Board of Supervisors, Third District (Supervisor Spitzer)</td>
</tr>
</tbody>
</table>

Reappointments made by the Board of Supervisors:

<table>
<thead>
<tr>
<th>Name</th>
<th>Representing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ron Blaul</td>
<td>Board of Supervisors, First District (Supervisor Do)</td>
</tr>
<tr>
<td>Jinha M. Park, MD, Ph.D.</td>
<td>Board of Supervisors, Second District (Supervisor Steel)</td>
</tr>
<tr>
<td>Timothy Greco, MD</td>
<td>Board of Supervisors, Fourth District (Supervisor Nelson)</td>
</tr>
<tr>
<td>Michael S. Ritter, MD</td>
<td>Board of Supervisors, Fifth District (Supervisor Bartlett)</td>
</tr>
</tbody>
</table>