



COUNTY OF ORANGE HEALTH CARE AGENCY  
Regulatory/Medical Health Services  
EMERGENCY MEDICAL SERVICES  
405 W. Fifth Street, Suite 301A, Santa Ana, CA 92701  
(714) 834-3500



## COUNTY PREHOSPITAL ADVISORY COMMITTEE

Wednesday, January 11, 2023 – 1:00 p.m.  
Via Zoom Video Conferencing

### Join Zoom Meeting

<https://us06web.zoom.us/j/84718218958?pwd=MVZHcHBDZ3pGUdWWDFOaFlrNjNndz09>

Meeting ID: 847 1821 8958  
Passcode: 211752

THIS COMMITTEE MEETING IS OPEN TO THE PUBLIC, YOU MAY ADDRESS THE COMMITTEE ON ANY AGENDA ITEM BEFORE OR DURING CONSIDERATION OF THAT ITEM, AND ON OTHER ITEMS OF INTEREST WHICH ARE NOT ON THE AGENDA, BUT WHICH ARE WITHIN THE SUBJECT MATTER JURISDICTION OF THE COMMITTEE.

## AGENDA

I. **CALL TO ORDER**

II. **INTRODUCTIONS/ANNOUNCEMENTS**

- New EMS Employees

III. **APPROVAL OF MINUTES**

- **Action Item:** *Approval of November 9, 2022 minutes*

(Attachment #1)

IV. **OCEMS REPORT**

- OCEMS Report
- Ambulance Patient Off-Load Time (APOT) Report
- Bi-Directional Data Exchange Project

(Attachment #2)

V. **UNFINISHED BUSINESS**

- *Informational Item Only:*  
Orange County EMS Policy/Procedure #714.00: Maximum Emergency  
Ground Ambulance Rates

(Attachment #3)

VI. **NEW BUSINESS**

- #4477 Refresher Memo EMS Interventions
- Letter #4522 NEMSIS v3.5 Implementation Plan 01.03.2023

(Attachment #4)

(Attachment #5)

VII. **ADVISORY COMMITTEE REPORTS**

- Base Hospital Coordinators
- Orange County Fire Chiefs EMS Committee
- Orange County ED Nursing Leadership
- Facilities Advisory Committee

VIII. **NEXT MEETING** – Wednesday, March 8, 2023, 1:00 pm

- Dates of County Prehospital Advisory Committee Dates

(Attachment #6)

IX. **ADJOURNMENT**



## COUNTY PREHOSPITAL ADVISORY COMMITTEE

Wednesday, November 9, 2022 – 1:00 p.m.

Location: HCA Conference Room 433

### MINUTES

#### MEMBERSHIP / ATTENDANCE

##### MEMBERS

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Theodore Heyming, MD     | - BHPD – Children's Hospital of Orange County |
| <input type="checkbox"/> Jon Cline MD                        | - BHPD – Mission Hospital                     |
| <input checked="" type="checkbox"/> Robert Granata, MD       | - BHPD – Orange County Global Med. Ctr.       |
| <input type="checkbox"/> Matthew Hunt, MD (excused)          | - BHPD – Hoag Hospital                        |
| <input checked="" type="checkbox"/> Iksoo Kang, MD           | - BHPD – St. Jude Medical Center              |
| <input checked="" type="checkbox"/> Eric McCoy, MD (excused) | - BHPD – UCI Medical Center                   |
| <input checked="" type="checkbox"/> David Ngo, MD            | - BHPD – Huntington Beach Hospital            |
| <input type="checkbox"/> Kelly Unger, MD (excused)           | - BHPD – Huntington Beach Hospital            |
| <input type="checkbox"/> Robert Katzer, MD                   | - Anaheim Fire & Rescue                       |
| <input checked="" type="checkbox"/> Claus Hecht MD           | - Orange County Fire Authority                |
| <input checked="" type="checkbox"/> Shira Schlesinger, MD    | - Newport Beach Fire Department               |
|  |   |
| <input checked="" type="checkbox"/> Julia Afrasiabi, RN      | - BHC – UCI Medical Center                    |
| <input checked="" type="checkbox"/> Ruth Clark, RN           | - BHC – Orange County Global Med. Ctr.        |
| <input checked="" type="checkbox"/> Laura Cross, RN          | - BHC – Mission Hospital                      |
| <input checked="" type="checkbox"/> Meghann Ord, RN          | - BHC – Hoag Memorial Hospital                |
| <input checked="" type="checkbox"/> Jill Patt, RN            | - BHC – Huntington Beach Hospital             |
| <input checked="" type="checkbox"/> Heidi Yttri, RN          | - BHC – St. Jude Medical Center               |
| <input checked="" type="checkbox"/> Kim Zaky, RN             | - BHC – Children's Hospital of Orange County  |

##### REPRESENTING

##### MEMBERS

- |  |  |
|--|--|
| <input type="checkbox"/> Capt. Brandon Grinstead   | - Orange County Fire Authority             |
| <input type="checkbox"/> Jeff Lopez, EMT-P         | - Representing Huntington Beach Fire Dept. |
| <input type="checkbox"/> Dave Barry, EMT-P         | - Anaheim Fire & Rescue                    |
|  |  |
| <input type="checkbox"/> Patrick Dibb              | - EMT Training Programs                    |
| <input type="checkbox"/> Patty Gleed, RN (excused) | - Paramedic Training                       |
| <input type="checkbox"/> Justin Horner, EMT-P      | - Fire Chiefs' EMS Committee               |
| <input type="checkbox"/> Kim Nichols, RN           | - ED Nursing Leadership                    |

##### REPRESENTING

##### OCEMS STAFF PRESENT

- |                      |                                  |
|----------------------|----------------------------------|
| Carl Schultz, MD     | - EMS Medical Director           |
| Gagandeep Grewal, MD | - Associate EMS Medical Director |
| Jason Azuma, EMT-P   | - OC-MEDS Coordinator            |
| Philip Grieve, EMT   | - EMS ALS Coordinator            |
| Fran Cohen, RN       | - EMS Nurse Liaison              |
| Erica Moojen         | - EMS Office Supervisor          |
| Eileen Endo          | - Office Specialist              |
| Drew Bernard         | - EMS Specialist                 |

#### GUESTS PRESENT

##### NAME

##### REPRESENTING

##### MEMBERS

##### REPRESENTING

#### I. CALL TO ORDER

Shira Schlesinger called the meeting to order.

#### II. INTRODUCTIONS/ANNOUNCEMENTS

Jill Patt is the new Base Hospital Coordinator at Huntington Beach H

#### III. APPROVAL OF MINUTES

Minutes from the September 14, 2022 meeting was approved as submitted.

#### IV. OCEMS REPORT

##### • Medical Director's Report

Dr. Schultz – Ebola situation is not stressful. A low issue will not rise to level of concern for hospitals. Nine other patients not in rural area of Uganda reported Ebola. Public Health has no restrictions on patients. We have contingency plans to let groups know. Not notify by name, but address only. Dispatch unit will know to do screening questions. Paramedics have protocol in place. Same protocol as Ebola 2014. RSV is area of concern. Report from Medical Advisory Committee meeting urgent. How do we move forward as it has been during last 3 weeks? We will breach CHOC help. Declared a state of emergency. No other counties declared yet. They want to transfer patients to us in Orange County.

##### • Health Emergency Management (Disaster Report):

Dr. Grewal COVID-19 positivity cases are slowly decreasing. Respiratory Virus is showing up in 2-4, 5 variants. Cancer antibodies vaccine still effective. Bivalent boosters' not great uptake. Modeling surge mid or late this month in COVID and other virus. RSV early increase usually seen in December – January is causing pressure on system. Rhinovirus, echovirus are much higher than standard cold virus, causing more

pediatric admissions. Influenza increasing. September was light green, October yellow, dark orange in California. Next is red. Flu vaccine is effective. Monkey pox is dwindling. Rash and body aches. AOC still have allocation of professional use COVID Test Kits for general underserved population. Reach out to hospital, if needed.

Upcoming Conferences:

- EMSA Trauma Summit, October 6, 2022
- National Pediatric Disaster Conference, October 27-28, 2022, Arizona (Virtual)  
<https://coyotecampaign.org/NPDconference-2022/>
- EMS for Children Virtual Education Forum, November 3, 2022
- Radiation training is on November 17, 2022. Reach out if you want to participate.
- National Healthcare Coalition Preparedness Conference, November, 29 – December 1, 2022, Anaheim Marriott  
<https://web.cvent.com/event/8b94d7c7-bef7-4f4c-bd0c-451940b01ab4/websitePage:0d83fcf6-9693-456f-8682-1d0ef8eb3a72?locale=en-US&tm=AOGVCXnLtFtsb5YA33EfjTsujoH8bk6CO-SyNIMJeE>

- **Ambulance Patient Off-Load Time:**

David Johnson reported that APOT is higher than ever. Typically, it has been 24-26 minutes for several years. May and June it has gone up over 30 minutes. Multi-factorial issue policy by certain facilities 450 911 calls/day is now up over 500/day. Hospitals are overwhelmed and burned out. Ambulances are on the wall trying to address as best as they can. This data is reported to the state. Do not report diversion to the state. Guesstimate failure to meet benchmarks in the future. Should get CFO's attention. State set benchmark at 20 minutes versus 30 minutes. Not sure if that is what they will do.

- **Bi-Directional Data Exchange Project**

Dr. Grewal - The Bi-Directional Data exchange is the EPCR transmit to hospital in real time and get hospital data back. 75% deliveries contract made connection, but have not started transmittals yet. CDC Grant funding based on transport volume. \$300,000,000 maximum fund, minimum \$50,000-\$100,000. The idea is to cover all costs. It will go through hospital hub. Discharge codes ICD9 to see outcome.

V. **UNFINISHED BUSINESS**

- *None discussed.*

VI. **NEW BUSINESS**

- **Pediatric Surge plan**

Dr. Schultz – The County does not have a Pediatric Surge Plan. We have a Pediatric Annex. Staged movement of patient responsibility to other hospitals rather than CHOC. CHOC says they cannot accept more patients. Hospitals under tier 2 are Fountain Valley with a PICU. Kaiser Anaheim has the same. Can shift some patients to other hospitals. (Average) rating to see 3 kinds in other Emergency Departments. Look at license of other facilities. Most hospitals do not have pediatric care. OC Global, South Coast Global, they used to be Reds. EMS will ask them to do something, but not a lot. Asking them to be prepared. They would rather transfer out of county to Riverside, San Bernardino, Los Angeles. By the responsibility mutual Aid. Available or not. Worst-case scenario might have to manage Peds patients in an adult hospital. I have a call this afternoon with CNOs, Staff waivers, Governors political rail. EMS has asked about it. So far would love a state health emergency for Orange County from governor. Then we have more resources to use. Now that election is over, we are hopeful on more response from state for future pediatric handler to help with this.

- **Updated Hospital Designations**

Dr. Shultz gave David Johnson's Report – Twenty-Five hospitals, thirteen Cardiac receiving centers, Nine Stroke Neuro Receiving Centers, Four Trauma Centers. Reviewed. All of these facilities are compliant. Designations will continue for three years.

- **ED Diversion & CVRC and SNRC ReddiNet Diversion**

Dr. Schultz sent a memo regarding ED Diversion & CVRC. Funded or patient walk-in or arrives at ED Ambulance open stroke or STEMI. If ERC is so overwhelmed and had to go on diversion, staff overwhelmed to care of patients. Link closures of ERC with CVRC not enforced. Some facilities did more than others did. Policy did not occur. Memo 10/11 linked closure ERC ReddiNet with other stuff. Does not apply to spoke hospital. If stroke hub is closed, can still send patient there to hub. Safety issues, fire, etc. Paramedic understands how system works.

- **Update of I-20**

Dr. Schultz – I-20 is a guideline of pediatric medication volume. Weights were updated. Midazolam IM injection to start process quickly. Midazolam for seizures moved to the top. Thanked Kim Zaky who made this work. We try to make it as useful as possible.

VII. **Advisory Committee Reports**

- **Base Hospital Coordinators** - *Julia Afrasiabi reported:*

There is not a lot going on. We finished last MICN class. Deciding on how to train MICNS to get them up and running. We are aware of the Pediatric Memo that was sent out. Medics challenge of finding a destination. No FEAR Conference is tomorrow. Free food, Raffle at Mission hospital. Tonight is virtual. Topics are Fentanyl, Eating Disorders, Human Trafficking and SNRC.

- **Orange County Fire Chief EMS** – *Jeff Lopez reporting*

OCFA is dark in December. Will start in January. Gathering in December with Patti Gleed. Fire Chief Approval, Secretary in January, CQI Requesting 1-20 clearer version.

- **Orange County Nursing Leadership** – *Kim Nichols reporting:*

No Report.

- **Facilities Advisory Subcommittee**

No Report

IX. **NEXT MEETING** – Wednesday, January 11, 2023 at 1:00 p.m.

X. **ADJOURNMENT**

With no further business, the meeting was adjourned.



**Ambulance Patient Offload Time (APOT-1) Report**  
October 2022

Hospital	2022 Totals			October 2022				
	Transports	90th Percentile APOT (Min:Sec)	Diversion Hours	Transports	90th Percentile APOT (Min:Sec)	Mean APOT (Min:Sec)	Median APOT (Min:Sec)	Diversion Hours
Anaheim Global Medical Center	3,139	37:33	96	346	34:12	15:46	11:48	2
Anaheim Regional Medical Center	4,996	38:18	407	452	36:18	17:37	14:00	110
Chapman Global Medical Center	798	9:40	16	126	10:49	5:36	3:59	0
Children's Hospital of Orange County	3,856	15:30	4	467	18:20	9:12	6:46	4
Foothill Regional Medical Center	906	34:20	31	69	33:05	13:21	8:14	0
Fountain Valley Reg Hosp and MC	6,342	41:54	666	698	44:42	20:07	13:28	31
Garden Grove Hosp and MC	4,589	40:00	212	469	35:26	17:48	12:51	18
Hoag Hospital Irvine	6,529	23:32	968	680	21:35	12:12	10:00	40
Hoag Memorial Hosp Presbyterian	17,215	16:22	280	1,734	15:22	9:19	8:43	40
Huntington Beach Hospital	4,518	39:56	225	447	34:51	17:53	11:42	28
Kaiser Permanente - Anaheim MC	4,515	46:59	325	455	47:46	24:18	18:13	44
Kaiser Permanente - Irvine MC	4,601	37:52	68	453	36:15	18:30	13:47	0
La Palma Intercommunity Hospital	2,864	43:50	18	305	65:29	24:21	13:51	4
Los Alamitos Medical Center	5,744	61:33	687	548	61:44	28:14	19:24	124
Mission Hospital - Laguna Beach	3,143	39:30	141	212	34:31	17:12	13:05	0
Mission Hospital Regional MC	13,168	36:05	733	1,368	33:57	16:58	13:19	14
Orange Coast Memorial MC	4,922	31:00	1022	490	27:07	14:57	12:00	162
Orange County Global MC	7,234	27:55	502	776	28:11	13:19	8:29	37
Placentia Linda Hospital	4,336	23:11	30	424	18:01	10:52	7:39	2
Saddleback Memorial MC	8,081	24:30	525	793	21:05	12:03	10:28	33
South Coast Global Medical Center	2,199	22:42	15	253	23:05	12:07	8:59	0
St. Joseph Hospital	10,622	27:27	550	1,075	26:42	12:56	9:09	50
St. Jude Medical Center	12,627	38:13	287	1,283	37:07	17:43	13:14	41
UCI Medical Center	9,052	31:21	2217	924	31:58	13:22	6:48	197
West Anaheim Medical Center	7,669	57:49	297	826	50:46	23:18	17:00	66

Median Hospital 90th Percentile APOT Time 36:05  
InterQuartile Range 26:43, 39:57

33:57  
23:05, 36:18

<b>OC EMS System Total (Aggregate)</b>	<b>153,665</b>	<b>33:49</b>
OCEMS System Mean APOT Time	16:13	
Standard Deviation	+/- 18:05	
OCEMS System Median APOT Time	10:58	
InterQuartile Range	6:20, 19:00	

<b>15,673</b>	<b>32:36</b>
15:36	
+/- 16:27	
10:47	
6:11, 18:41	

Diversion Hours 1048  
Diversion Days 31 of 31  
Hospitals/Day Range 3-15/day  
Transports w/ APOT 30-60min 1367  
Transports w/ APOT >60min 397



Ambulance Patient Offload Time (APOT-1) Report  
November 2022

Hospital	2022 Totals			November 2022				
	Transports	90th Percentile APOT (Min:Sec)	Diversion Hours	Transports	90th Percentile APOT (Min:Sec)	Mean APOT (Min:Sec)	Median APOT (Min:Sec)	Diversion Hours
Anaheim Global Medical Center	3,533	38:57	101	394	41:57	19:39	12:10	5
Anaheim Regional Medical Center	5,527	38:02	512	531	37:16	17:40	14:00	105
Chapman Global Medical Center	950	9:53	21	152	12:37	5:44	4:00	4
Children's Hospital of Orange County	4,355	15:36	4	499	15:55	8:42	7:18	0
Foothill Regional Medical Center	1,019	35:35	35	113	39:14	18:27	10:17	4
Fountain Valley Reg Hosp and MC	7,091	42:35	779	749	48:15	21:28	14:37	113
Garden Grove Hosp and MC	5,083	41:01	274	494	49:45	23:29	16:01	62
Hoag Hospital Irvine	7,145	23:25	1102	616	22:11	12:13	10:00	134
Hoag Memorial Hosp Presbyterian	18,810	16:18	354	1,595	15:47	9:34	8:43	74
Huntington Beach Hospital	4,963	38:53	318	445	27:42	15:15	10:37	93
Kaiser Permanente - Anaheim MC	4,972	47:50	394	457	53:33	26:27	20:21	69
Kaiser Permanente - Irvine MC	5,148	38:43	97	547	49:30	22:51	16:28	29
La Palma Intercommunity Hospital	3,211	48:46	33	347	75:45	29:53	18:22	15
Los Alamitos Medical Center	6,211	62:11	959	467	74:04	31:46	22:29	272
Mission Hospital - Laguna Beach	3,416	39:00	149	273	32:56	17:31	13:21	8
Mission Hospital Regional MC	14,603	36:12	791	1,435	37:22	19:05	14:53	58
Orange Coast Memorial MC	5,456	31:00	1216	534	31:04	16:39	13:17	194
Orange County Global MC	7,988	28:02	594	754	30:58	14:35	8:26	92
Placentia Linda Hospital	4,872	23:52	50	536	33:09	14:31	9:02	20
Saddleback Memorial MC	8,950	24:25	595	869	23:34	13:19	11:11	70
South Coast Global Medical Center	2,481	24:08	19	282	34:10	15:44	10:14	4
St. Joseph Hospital	11,646	27:33	668	1,024	28:34	13:52	9:32	119
St. Jude Medical Center	13,881	38:17	377	1,254	38:55	19:11	14:37	90
UCI Medical Center	9,964	31:39	2462	912	33:37	13:59	7:16	245
West Anaheim Medical Center	8,501	59:14	367	832	71:43	30:09	19:15	69

Median Hospital 90th Percentile APOT Time 36:12  
InterQuartile Range 26:46, 39:30

34:10  
28:34, 48:15

OC EMS System Total (Aggregate)	169,776	34:07
OCEMS System Mean APOT Time	16:20	
Standard Deviation	+/- 18:10	
OCEMS System Median APOT Time	11:00	
InterQuartile Range	6:22, 19:07	

16,111	37:29
	17:28
	+/- 18:55
	11:32
	6:40, 20:32

Diversion Hours 1949  
Diversion Days 30 of 30  
Hospitals/Day Range 1-20/day  
Transports w/ APOT 30-60min 1657  
Transports w/ APOT >60min 622



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EMERGENCY MEDICAL SERVICES

December 27, 2022

TO: Orange County Fire Chiefs  
Orange County City Managers  
Orange County Ambulance Service Providers

FROM: Tammi McConnell, MSN, RN, EMS Director

SUBJECT: REVISION TO MAXIMUM EMERGENCY GROUND AMBULANCE  
RATES: EFFECTIVE JANUARY 1, 2023

This is to inform you that on December 20, 2022, the Orange County Board of Supervisors established maximum BLS emergency Ground Ambulance rates, as follows:

Maximum BLS Emergency Ground Ambulance Rates

Type of Charge	Basis for Charge	7/1/2022 Rate	Effective January 1, 2023
Emergency BLS Base Rate	Applicable for urgent or Code 3 response at the request of a public safety employee	\$1,381.75	\$1,832.27
Mileage	Per patient mile or fraction thereof.	\$ 19.77	\$ 19.05
Oxygen (includes mask or cannula)	When administered.	\$ 96.95	Included in base rate
Standby time	Per 30 minutes after the first 30 minutes.	\$ 47.50*	\$ 129.00
Expendable Medical Supplies	Maximum per response.	\$ 38.27	Included in base rate

\*Standby Time rate had been based upon every 15 minutes after the first 15 minutes.

**Maximum ALS Paramedic Assessment and Transport Rate for OCFA Jurisdictional Areas (except for San Clemente, Westminster, and Buena Park):** ALS Paramedic Assessment and Transport Rate \$387.35

These rates become effective on January 1, 2023 by Board of Supervisors' Resolution No. 22-163. If you have any questions, please contact Eileen Endo at (714) 834-3507.

TM:cc:#4520

Attachments: Board Resolution No. 22-163  
Orange County EMS Policy/Procedure #714.00



**MAXIMUM EMERGENCY GROUND AMBULANCE RATES****I. AUTHORITY:***Orange County Board of Supervisors, Resolution No. 22-163, Item No. 34***MAXIMUM EMERGENCY GROUND AMBULANCE RATES****EFFECTIVE January 1, 2023**

The following is a list of maximum allowable emergency ambulance service rates to be charged an emergency patient by a licensee. These rates were approved by the County of Orange Board of Supervisors.

TYPE OF CHARGE	BASIS FOR CHARGE	2022 Rate	RATE
Emergency BLS Base Rate	Applicable for urgent or Code 3 responses at the request of a public safety employee	\$1,381.75	\$1,832.27
Mileage	Per patient mile or fraction thereof	\$ 19.77	\$ 19.05
Oxygen (includes mask or cannula)	Applicable when administered	\$ 96.95	Included in Base Rate
Standby	Per 30 minutes after the first 30 minutes and any fraction thereof	\$ 47.50*	\$ 129.00
Expendable Medical Supplies	Maximum per response or fair market value, whichever is the least amount	\$ 38.27	Included in Base Rate

\*per 15 minutes after the first 15 minutes and any fraction thereof.

ALS Paramedic Assessment and Transportation Rate for Orange County Fire Authority  
Jurisdictional Area (excepting for San Clemente, Westminster, and Buena Park)

\$387.35

**Approved:**

OCEMS Director

Effective Date: 01/01/2023  
Reviewed Date: 12/27/2022  
Original Date: 7/1989



RESOLUTION OF THE BOARD OF SUPERVISORS  
ORANGE COUNTY, CALIFORNIA

December 20, 2022

WHEREAS, pursuant to Section 4-9-12 of the Codified Ordinances of Orange County, the Health Care Agency is proposing the Board of Supervisors (“this Board”) adopt new maximum 9-1-1 emergency Basic Life Support (BLS) ground ambulance and Advanced Life Support (ALS) paramedic assessment and transport rates for the unincorporated areas of Orange County; and

WHEREAS, certain cities within the County of Orange have adopted Section 4-9-12 of the Codified Ordinances of Orange County; and

WHEREAS, the Board of Supervisors conducted a Public Hearing to set the maximum 9-1-1 emergency BLS ground ambulance and ALS paramedic assessment and transport rates for the unincorporated areas of Orange County and the cities that have adopted Section 4-9-12 of the Codified Ordinances of Orange County.

NOW THEREFORE BE IT RESOLVED that this Board hereby rescinds all prior Resolutions as pertain to the maximum 9-1-1 medical emergency BLS ground ambulance and ALS paramedic assessment and transport rates, specifically Resolution No. 17-094, dated August 8, 2017.

BE IT FURTHER RESOLVED that this Board hereby establishes the following maximum 9-1-1 emergency ambulance services rates that private ambulance operators may charge in the unincorporated areas of Orange County and within the cities that have adopted Section 4-9-12 of the Codified Ordinances of Orange County:

**I. Maximum 9-1-1 Emergency BLS Ground Ambulance Rates**

<b>Description</b>	<b>2022 Rate</b>	<b>Effective January 1, 2023</b>
(1) Emergency BLS Base Rate	<b>\$ 1,381.75</b>	\$1,832.27
(2) Mileage (per patient mile or fraction thereof)	<b>\$ 19.77</b>	\$19.05

(3) Oxygen (applicable when administered)	\$ 96.95	Included in base rate
(4) Standby time (per 15 minutes after the first 15 minutes)	\$ 47.50	\$129.00 (per 30 minutes)
(5) Expendable Medical Supplies (maximum per response)	\$ 38.27	Included in base rate

**II. Maximum 9-1-1 Emergency ALS Paramedic Assessment and Transport Rate:**

ALS Paramedic Assessment and Transport Rate                      \$387.35


BE IT FURTHER RESOLVED that this Board adopts the methodologies for adjusting the above maximum rates (i.e., BLS and ALS), effective July 1, 2023, by multiplying the rates by the percentage change in the transportation portion of the Consumer Price Index for all Urban Consumers, Western Region as compiled and reported by the Bureau of Labor Statistics for the 12-month period ending with the last day of the prior month, February.

BE IT FURTHER RESOLVED that Health Care Agency Director or designee is authorized to make an annual adjustment to the above maximum rates, effective July 1 of each year, by multiplying the rates by the percentage change in the transportation portion of the Consumer Price Index for all Urban Consumers, Western Region as compiled and reported by the Bureau of Labor Statistics for the 12-month period ending with the last day of the prior month, February.

BE IT FURTHER RESOLVED that Health Care Agency Director or designee may seek this Board's approval for any adjustments to the maximum rates set forth in this Resolution that exceed the methodology adopted in this Resolution.

The foregoing was passed and adopted by the following vote of the Orange County Board of Supervisors, on December 20, 2022, to wit:

AYES: Supervisors: KATRINA FOLEY, DOUG CHAFFEE, ANDREW DO  
DONALD P. WAGNER, LISA A. BARTLETT  
NOES: Supervisor(s):  
EXCUSED: Supervisor(s):  
ABSTAINED: Supervisor(s):

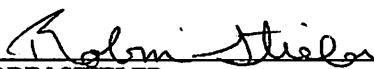
  
CHAIRMAN

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.



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

Resolution No: 22-163  
Agenda Date: 12/20/2022  
Item No: 34



I certify that the foregoing is a true and correct copy of the Resolution adopted by the Board of Supervisors, Orange County, State of California

Robin Stieler, Clerk of the Board of Supervisors

By: \_\_\_\_\_  
Deputy



**MEDICAL HEALTH SERVICES  
EMERGENCY MEDICAL SERVICES**

**CLAYTON CHAU, MD PhD**  
DIRECTOR

**MINDY WINTERSWYK, PT, DPT, PCS**  
ASSISTANT AGENCY DIRECTOR

**TAMMI McCONNELL, MSN, RN**  
DIRECTOR  
EMERGENCY MEDICAL SERVICES

405 W. 5<sup>th</sup> STREET, SUITE 301-A  
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**DATE:** December 5, 2022

**TO:** EMERGENCY RECEIVING CENTER HOSPITALS  
AMBULANCE PROVIDERS  
911 PARAMEDIC PROVIDERS  
CONTROL ONE SUPERVISORS  
LOS ANGELES COUNTY EMERGENCY MEDICAL SERVICES

**FROM:** CARL SCHULTZ, MD *COS*  
EMS MEDICAL DIRECTOR, ORANGE COUNTY HEALTH CARE AGENCY

**SUBJECT: REVIEW OF CURRENT OCEMS POLICIES AND DIRECTIVES IN EFFECT TO  
MANAGE INCREASING DEMAND FOR EMS SERVICES**

Orange County is experiencing another surge in demand for EMS services. Multiple policies and directives are currently in effect to help distribute and load-level this demand more evenly amongst hospitals, ambulances, and 911 providers. However, it may be difficult to remember all these interventions, as many have been in place for several years. Therefore, a brief reminder of these practices is warranted as we move into another surge.

- ED diversion for Los Angeles County  
Initially implemented in January of 2021 by the EMS Medical Director and subsequently suspended, this practice is again in effect for three, Orange County hospitals only: St. Jude Medical Center, La Palma Intercommunity Hospital and Los Alamitos Medical Center. If any of these hospitals are overwhelmed, they can call the EMS Duty Officer and request placement on diversion for ALS patients only originating from LA County. This diversion will remain in place for 4 hours, and then end. To continue diversion, another phone call to the EMS Duty Officer is required. This diversion will not apply to stroke, myocardial infarction or cardiac arrest patients.
- Mandatory Placement of Hospitals on 2-hour Diversion for APOTs > 60 minutes  
If a hospital's 90% APOT exceeds 60 minutes, the EMS Duty Officer can be called and will place them on diversion for 2 hours if the hospital has not done this already. (See EMS Medical Director memo dated November 4, 2021)
- Suspension of Diversion when the Three Closest Hospitals Are all on Diversion  
When a 911 provider needs a destination hospital, and the three closest facilities are all on diversion, then for that one run, none of them are on diversion and the paramedic should take that patient to the closest hospital. (Policy #310.96)

- Systemwide Suspension of ED Diversion  
If the total number of hospital diversion hours for a 24-hour period exceeds 200 for three consecutive days, the ability for all hospitals to initiate diversion will be suspended until the situation stabilizes. This practice was implemented several times in 2020 and 2021 by the EMS Medical Director to manage excessive hospital diversion.
- Placing Patients in the Waiting Room or on Cots; Ambulances leaving for other Hospitals  
Patients waiting in a hospital ED on an ambulance gurney being supervised by the ambulance crew may be placed on a cot after 60 minutes if a second ambulance from the same company arrives and is not placed in ED bed. Patients who met criteria can also be placed in the waiting room if held in the ED for more than 60 minutes. Patients held in ambulances and not unloaded for more than 60 minutes may be transported by the ambulance crew to another hospital. (See Policy #310.96)
- Stroke Neurology Receiving Centers Required to Accept Stroke Patients from Spoke Hospitals when on ED Diversion  
When an ERC goes on diversion, it automatically places the SNRC on diversion. The exception to this policy is if a spoke hospital needs to transfer a stroke patient to the SNRC hospital for a higher level of care. Under these circumstances, the SNRC must accept the patient from the spoke hospital. (See Policies #310.96 and #650.00)



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## EMERGENCY MEDICAL SERVICES

DATE: JANUARY 3, 2023

TO: EMS PROVIDER AGENCIES  
DESIGNATED BASE HOSPITALS

FR: LAURENT REPASS   
EMS INFORMATION & ANALYTICS CHIEF

RE: OC-MEDS – NEMSIS V3.5 TRANSITION PLAN

Pursuant to state and federal requirements regarding EMS data standards and compliance, Orange County EMS (OCEMS) is planning to implement necessary changes to the Orange County Medical Emergency Data System (OC-MEDS) over the next 12 months. The National EMS Information System (NEMSIS) standards have been updated to version 3.5 and [all states are required to be compliant no later than January 1, 2024](#). Existing (NEMSIS v3.4) data standards and software versions will sunset on that date.

California law ([H&S 1797.227](#)) and local policy ([OCEMS Policy 300.30](#)) require that EMS Providers utilize a Patient Care Reporting System (PCRS) that is [compliant with the current version of NEMSIS](#). On January 1, 2024, the current version of NEMSIS will be v3.5.

Over the next several months, OCEMS will be making necessary changes to OC-MEDS in preparation for the transition to NEMSIS v3.5. EMS providers who use OC-MEDS as their PCRS may utilize an updated county level run form or may build and configure their own run forms to meet their own business needs. EMS Providers who utilize their own “third party” PCRS, must ensure that their system is [certified v3.5 compliant](#) by NEMSIS and is approved by OCEMS as compliant and interoperable with applicable OC-MEDS policies and standards. Full transition to a NEMSIS v3.5 PCRS must be complete no later than December 18<sup>th</sup>, 2023 to allow time to address any final issues prior to the statewide deadline (January 1, 2024). Successful transition to NEMSIS v3.5 will be a condition for 2024 licensure as an EMS Provider in Orange County.

The following timeline illustrates a summary of the tasks that should be completed in preparation for the transition:

- **Q1 2023 (Jan. – Mar.)**
  - OCEMS to finalize OC-MEDS Data Dictionary (OCEMS Policy 300.31) in alignment with NEMSIS v3.5 standards
  - OC-MEDS system level software updates, configuration, and testing
  - 3<sup>rd</sup> party PCRS NEMSIS compliance verification and OC-MEDS Application for use
- **Q2 2023 (Apr. – Jun.)**
  - EMS Provider agency level configuration and testing
  - Configure and test provider specific run forms
  - Configure and test data integrations (CAD, Billing, CEMSIS, etc.)

- **Q3 2023 (Jul. – Sep.)**
  - EMS Provider agency field testing and training
- **Q4 2023 (Oct. – Dec.)**
  - OC-MEDS System level implementation of NEMSIS v3.5
  - EMS Provider Agency level implementation of NEMSIS v3.5 PCRS
  - Base Hospital OC-MEDS eBHR NEMSIS v3.5 Implementations
  - Final field implementations complete no later than December 18<sup>th</sup>, 2023 to allow time to address any final issues prior to statewide deadline (January 1, 2024).

All questions regarding this important project may be directed to the OC-MEDS System Administrator on duty at [oc-meds@ochca.com](mailto:oc-meds@ochca.com).

cc: Tammi McConnell, RN, MSN - EMS Administrator  
Carl Schultz, MD, FACEP - EMS Medical Director

LR:lr:em#4522





## **COUNTY PREHOSPITAL ADVISORY COMMITTEE**



### **2023 Meeting Dates and Times**

**Jan. 11\***

**Mar. 8**

**May 10**

**July 12**

**Sept. 13**

**Nov. 8**

**All meetings are held on the second Wednesday of odd months**

#### **Address:**

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**E-mail: [emsdutyofficer@ochca.com](mailto:emsdutyofficer@ochca.com)**