

# Skagit County EMS & Trauma Care Council Advisory Board

## Meeting Agenda

**DATE:** Wednesday, August 19, 2020

**TIME:** 09:00 am - 11:00 am

**LOCATION:** GoToMeeting Virtual (see access information at bottom of page)



### SUBJECT

### LEAD

- Call to order, introductions, review and approval of meeting minutes: Feb, May, and July special meeting Nick Walsh, Chair

### EMS Dept. Updates

- Quickest Routes, ProQA, Call volume trend Josh Pelonio, EMS Director
- Education / Training Updates Mike Kirkman, Training & QA Specialist

### North Region Updates

Martina Nicholas, Executive Director

### Ongoing / Old Business

- Review grant applications for submission to North Region Nick Walsh, Chair

### New Business

- Review min/max and new application process Josh Pelonio, EMS Director
  - New private ambulance service license application Trans-West Ambulance
- EMS Training Course applications Mike Kirkman, Training & QA Specialist
  - Skagit Valley College

- Adjourn & Next Meeting Nick Walsh, Chair

## Meeting Access Information

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# Skagit County EMS & Trauma Care Council Advisory Board Meeting

February 19, 2020, 9am-11am

Burlington Fire Department

## Present:

Jared Couch – Upper Skagit Sergeant  
Tyler Dalton – Skagit Regional Health RN  
Lisa Edwards – Island Hospital RN  
Chet Griffith – Fire District 8 Commissioner  
Sandra Jensen – County Meadow Village Dir.  
Josh Pelonio – EMS Director  
Steve Sexton – Burlington Mayor  
Amie Tidrigton – Skagit County Public Health

## Ex Officio:

Ron Wesen – Skagit County Commissioner

## Absent:

Bryan Brice – Mount Vernon Fire Chief  
Lisa Janicki – Skagit County Commissioner  
Matthew Russell – EMS Medical Program Dir.  
Nick Walsh – Anacortes Assistant Fire Chief  
Wood Weiss – District 13 Fire Chief

## Observer:

Nicole Bird – Island Hospital Registrar  
Chris Kading – Skagit County Sheriff Sergeant

## Non-Voting:

Mike Kirkman – Skagit EMS Training & QA Specialist  
Freya Peebles – Skagit EMS Admin. Coordinator

Opens at 9am.

## **Welcome:** T. Dalton

- Greats and welcomes group
- Group introduces themselves

## **Review/Approve November 20, 2019 meeting minutes:** T. Dalton

- Approval of minutes.  
Chet Griffith Moves to Approve November 20th, 2019 meeting minutes. Jared Couch Seconds. Opposed, None.

## **EMS Department Updates**

### **2019 Annual Report:** J. Pelonio

- Uploaded onto Skagit EMS Website
- Important to recognize cooperation and collaboration by the Cities and Fire Departments to complete the transition
- Ongoing projects

### **ProQA:** J. Pelonio

- Most of the Hardware has been received
- 911 & IS beginning to assemble the equipment
- Hoping for tentative schedule of implementation by end of next week
  - On track for Aug/Sept “Go Live”

**Quickest Routes: J Pelonio**

- Currently dispatching by recommended unit by proximity/line of sight
- GIS has reaching out to Municipalities to get street information
  - Once installed it will be able to dispatch according to drive time.
- Quickest Routes should be schedules after end of April.

**Standard Operating Guidelines: J. Pelonio**

- Have completed 3 SOG's
- New Paramedic Integration Process will be worked on next

**Revisit Quickest Routes:**

- S. Sexton: Is there a way to also take Train Traffic into account?
- J. Pelonio: Yes. Doesn't know if we'll have that capability out of the gate, but expects we will eventually.
  - They will begin with the using the basic GIS layer and make adjustments as we progress
- J. Couch: How did we get to a point where this was necessary?
- J. Pelonio: One of the challenges is the workload of the Dispatcher is such that they don't have time to look at a map to determine who's closest. Trying to automatic it so it's efficient and takes some of the workload off the dispatcher.
  - We were using response plans initially.
    - Relies on Station Location regardless of apparatus location.
    - Resulted in switching of units.
  - Evolved on recommended unit
    - Which doesn't take into account obstacles like rivers and trains
  - Idea is to be more efficient and remove some of the workload for the dispatchers.

**Education/Training: M. Kirkman**

- Refers to handouts
  - Goes over 2019 Training Handout
- R. Wesen: How much training do we need to keep our volunteers and staff current?
- M. Kirkman: Varies depending on their EMS Level.
  - Explains EMT vs Paramedic training requirements
  - We're keeping most individuals current
    - There will be individual situations where a training may lapse, but a part of his job is to keep an eye on the records to try to keep individuals on track.

**North Region Updates: J. Pelonio**

- Next Regional Meetings
  - 04-02-2020

- Regional QI 0900-1100
    - Trauma Focus
  - Regional Council 1130-1300
    - Working on new schedule for Grant process
- DOH continuing system wide assessment
  - Holding additional meeting in spring on how to improve EMS and Trauma system in our State
    - Dates to follow when Martina gets them

### **Ongoing/Old Business**

#### **EMS New Initiative Application: J. Pelonio**

- Last meeting the Application Process was approved.
  - Packet is on our website
  - Due 04-30-2020
  - Encouraging people to apply
- Discussion/Approval of Matrix provided by Chief Brice
- J. Couch: What was the conclusion regarding SAR and Fire Departments applying
  - C. Griffith: SAR can apply
- L. Edwards: The next meeting is for the Grant Applications. Can we bring any questions we have regarding the MATRIX to that next meeting, then approve and use it for the applications?
- J. Pelonio: Agrees

#### **Inter-facility Transports: T. Dalton**

- NW Ambulance Reporting
  - New system that allows them to create reports
  - Provided a report for January
    - Breaks down and explains report
  - Suggests asking NW if having a station in Mount Vernon the best place?
  - Level 1 – Higher level of care than could be provided at that moment.
    - Sent to a facility that's equipped
  - Level 2 – Higher level of care, but we can stabilize them.
  - Level 3 – ALS provisions
  - Level 4 – ALS care, but maybe the patient wants to be moved to another facility
  - Can get stats on number of individuals that are flown
  - Discuss time compliances
  - C. Griffith: Do we need possibly need NW Ambulance to do more, or do we look internally to providing some of these transports?
    - Something we need to explore?
  - T. Dalton: Purpose was how it affects the Emergency Department to get patients out in a timely manner.

- Should we look at it as a council to help support for change?
- J. Pelonio: Should maybe look into having a backup plan and possibly have an ALS agency that is willing to do that work on occasion?
- Should Track Data
- Group continues to discuss times.

**Amendment to bylaws:** T. Dalton

- Last meeting we changed from Chief Horn to Chief Weiss.
  - Discussion came up regarding a possible change to the Bylaws regarding replacing members who change personnel
- J. Pelonio: The way the Bylaws are written currently we can replace someone with a Majority vote.
  - Makes sense to keep it as it is as opposed to amending.
- No objection keeping member replacement as it is.

**New Business**

- Inquiry – New EMS Training Program: J. Pelonio
  - One of the responsibilities if this group is approving training courses and training programs.
  - Goes over inquiry regarding starting a new program in Skagit County.
    - They want to be able to provide EMT Training.
    - Invited to next meeting to go over their proposal and how it would affect the current programs in place
  - Current Initial EMT Training Program is with Skagit Valley College
- ESSO Application – J Pelonio & Skagit County Sheriff: Sgt. C. Kading
  - Councils responsibility to approve
  - Allows an organization to be able to affiliate EMS personnel.
    - Allows for medical care on the law enforcement side before it is safe for EMS personnel to enter the scene.
    - Believes that this application is the best route for their organization.

Chet Griffith Moves to approve application. Steve Sexton Seconds. Opposed, None.

Tyler Dalton, Vice Chair, adjourns meeting.

**Votes:**

1. Approval of November 20th, 2019 Meeting Minutes: **All for, none opposed.**
2. Approval of ESSO Application **All for, none opposed.**

**Next meeting:** 9a-10a May 20, 2020, Location: TBD

# Skagit County EMS & Trauma Care Council Advisory Board Meeting

May 20, 2020, 9am-11am

Teleconference

## Present:

Bryan Brice – Mount Vernon Chief  
Tyler Dalton – Skagit Regional Health RN  
Chet Griffith – Fire District 8 Commissioner  
Sandra Jensen – County Meadow Village Dir.  
Josh Pelonio – EMS Director  
Nick Walsh – Anacortes Assistant Chief

## Ex Officio:

Lisa Janicki – Skagit County Commissioner

## Absent:

Jared Couch – Upper Skagit Sergeant  
Lisa Edwards – Island Hospital RN  
Matthew Russell – EMS Medical Program Dir.  
Steve Sexton – Burlington Mayor  
Amie Tidrington – Skagit County Public Health  
Wood Weiss – District 13 Chief  
Ron Wesen – Skagit County Commissioner

## Non-Voting:

Mike Kirkman – Skagit EMS Training & QA Specialist  
Freya Peebles – Skagit EMS Admin. Coordinator

Opens at 9am.

## **Welcome:** N. Walsh

- Walsh calls meeting to order and calls roll.
  - Do not have a quorum to vote.
  - Will continue with the meeting to get a consensus.

## **Review/Approve February 19, 2020 meeting minutes:** N Walsh

- Meeting minutes for last meeting not available due to computer issues.
  - Will be regenerated from audio and made available at a later date.

## **EMS Department Updates**

### **EMS Week:** J Pelonio

- This week is National Emergency Medical Services week.
  - Letters of recognition and appreciation were sent to providers.
    - Skagit EMS
    - Dr. Russell
    - County Sheriff Mc Dermott

### **COVID19:** J Pelonio

- Collaborating well with EMS agencies, Public Health and Hospitals from beginning.
  - Still have a road ahead.
  - Appreciate work thus far.

- Working with Skagit 911
  - Emerging Infections Disease Screening Criteria.
    - Concerns early on regarding having a way to determine patients who may be at high risk for COVID19
    - Having the ability to provide responders with a heads up regarding appropriate PPE.
    - Found that a symptom patients transmitting.
      - Adjustments to the screening were needed.
    - Important to make sure we're asking right questions and relaying correct information to responders.
  - 911 just released updated guidance last week.
    - Making adjustments and additions.
- With Dr. Russell developed protocol specific to COVID19
  - PPE documentation
  - Identifying which patients should be left at transported vs not
  - Documentation guidelines for tracking
- Established cooperative purchasing group with Skagit EMS Agencies to help get out supplies and take advantage of bulk pricing.
  - Burlington/DEM assisting with storing and distributing supplies.
- Developed high risk testing for first responders.
  - Prior to drive thru testing wanted to make sure we could get our first responders tested
  - To date, no confirmed positive cases within first responders.
  - Public Health is been notifying EMS about possible exposures.
- Monitoring best practices and tracking what other agencies are doing, what's coming from the CDC and the State and making adjustments as needed.

N. Walsh: Thanked Skagit EMS for supporting first responders.

#### **Training Update:** M Kirkman

- Have cancelled all skill practical station for remainder of 2020.
  - In accordance with Department of Health (DOH) guidelines.
    - Not ideal.
    - Due to pandemic and risk of exposure we couldn't see providing skills safely and efficiently.
  - If things change and skills training can be provided we will look at making changes.
- As of now we are continuing with FALL Enhanced EMT course at Skagit Valley College.
  - Collage is moving forward with classroom vs online for the fall quarter.
  - Coming up with a guideline to keep students safe and follow DOH guidelines.

- If college does implement online only we will revisit and may cancel the fall quarter due to no hands on skills.

**North Region Update:** N Walsh: Martina N. not on the line to provide update.

**New initiatives:** N. Walsh

- Similar initiatives.
  - District 03 looking to purchase public access AED's for their stations
    - AED w/ mounting box
    - 2 - AED's one for each station.
    - Looks like a straight forward use of the funds and is supportive
  - B. Brice: Both worthwhile. Questions County wide vs station specific District benefit.
  - Discussion on looking into County wide distribution of AED's.
  - L. Janicki: Submitted before COVID19. Could the funds be used for COVID19?
  - N. Walsh: Looking at possibly filling both requests and using remaining funds on COVID19.
  - J. Pelonio: We don't know what our long terms needs will be.
    - Weather we fund these two or not, he would like to use the remainder of the New Initiative funds to restock and replenish what's been used during this pandemic.
  - L. Janicki: Questioning if there are higher priority items given where we are today?
  - B. Brice: Did we adopt the policy for New Initiative requests? Believes requests should be separate out from COVID related needs.
  - L. Janicki: Doesn't disagree. There's just seems to be a lot of uncertainty. Leaning toward approving bother initiatives.
  - N. Walsh: Would like to fill these and see if remaining monies can be redirected.
  - T. Dalton: Agrees with Chief Brice In future. When these kind of proposals come through, is this something we should reach out to other districts?
  - N. Walsh: Maybe we could work with agencies to have a bigger picture to work with the county to resolve larger issues.
  - N. Walsh: Quick look at second application. Base price is the same.
    - More of a focus on training and training ad-ons for in house training.
  - B. Brice: There's a training hub that provides that for them. Should be looked at for a broader piece.
  - L. Janicki: Does budget have the capacity for these mannequin needed for training?
  - J. Pelonio: We already provide this equipment to the training hubs and have some in our office that can be checked out as well. Wants to make sure that they have a plan.



- L Janicki: Should stick to the training hub system. Would recommend approving AED's and dropping the remainder with an explanation as to why.
- N. Walsh: Agrees.
- T. Dalton: Agrees.
- N. Walsh: What he's hearing. On overall picture is we could not fill them because they don't match the county wide program or second, we could approve with modification and figure out how we want to handle the remainder of funding.
- B. Brice: Agrees. Both followed process and no higher priority applications have been submitted. Would like to look at if there's something county wide that would benefit the entire region.
- N. Walsh: Should send out our interest to approve District 3 and District 2 with an amendment and have a special call meeting where they can be voted for.
- L. Janicki: Can we vote by email?
- J. Pelonio: Doesn't believe so.
- B. Brice: Confirms that we can't.
- J. Pelonio: We'll draft a letter explaining what we're approving, not approving and why and schedule another meeting to take action on them.

**North Region Updates:** M. Nicolas

- Projects and strategic goals have been moved.
  - New cycle for grants.
    - Opening up on June 1<sup>st</sup>. Extra month.
    - Past two years we haven't had any grants from Skagit County.
    - We require that there's a management plan for equipment.
- Next meeting is July 9<sup>th</sup>.
  - Typically a cardiac focused meeting.
  - Will probably be doing a lengthy debrief on where EMS agencies are at and how things went through the first couple months of COVID.

**New Business:** N Walsh

*None*

L Janicki: Wants to thank Chief Brice for his leadership and she appreciates the experience he's brought into Skagit County.

N. Walsh: Agrees. Will put together the letter, send material out and work on scheduling another meeting to vote on the grant initiatives.

Adjourns at 0943.

# Skagit County EMS & Trauma Care Council Advisory Board Meeting

July 07, 2020, 9am-11am

Teleconference

## Present:

Bryan Brice – Mount Vernon Chief  
Jared Couch – Upper Skagit Sergeant  
Tyler Dalton – Skagit Regional Health RN  
Lisa Edwards – Island Hospital RN  
Josh Pelonio – EMS Director  
Amie Tidrington – Skagit County Public Health  
Nick Walsh – Anacortes Assistant Chief

## Absent:

Chet Griffith – Fire District 8 Commissioner  
Sandra Jensen – County Meadow Village Dir.  
Julia Johnson – Sedro Woolley Mayor  
Matthew Russell – EMS Medical Program Dir.  
Steve Sexton – Burlington Mayor  
Wood Weiss – District 13 Chief

## Ex Officio:

Lisa Janicki – Skagit County Commissioner

## Non-Voting:

Mike Kirkman – Skagit EMS Training & QA Specialist  
Freya Peebles – Skagit EMS Admin. Coordinator

Opens at 9am.

## **Welcome:** N. Walsh

- Walsh calls meeting to order.
- Meeting purpose is to vote on the two New Initiatives that were submitted prior to the last meeting.
- B. Brice: Wanted to clarify that these are for the New Initiatives. These are the ones receive and they followed the process. Maybe next year we should look at applications that could be applied for a larger scale. Believes they should be approved.
- N. Walsh: Refers to Draft Approval Letters.
- J. Pelonio: Based on the discussion at the last meeting regarding the training mannequin. That equipment is available to check out through the training hubs as well as through our office. Additionally we've had some Districts use contractual monies to purchase that equipment.
- J. Couch: Are we just approving the AED's. Is it normal for each Fire Department to have their own?
- J. Pelonio: His take away from the last meeting is that the public access defibrillator portion of the application meets the New Initiative intent, training mannequin piece did not. Does that sound correct? Still in agreement?
- B. Brice: Agrees.
- T. Dalton: Agrees.
- L. Edwards: Does that mean they could ask for that grant funding through North Region?
- J. Pelonio: Yes. We can include that when we reach out regarding the decision.

- B. Brice: Moves to approve the approval of the AED Portion for the New Initiative Requests.
- L. Edwards: Seconds.
- Group: Discusses price breakdown of AED's.
- N. Walsh: Opposed? None.
- N. Walsh: Remaining funds usage?
- B. Brice: Do these funds disappear or do they roll over?
- Group: Discusses.
- N. Walsh: Table how the leftover of the New Initiatives will be handled.
- J. Pelonio: Will put it on the agenda for the next meeting.

**Votes:**

- Approval of the AED Portion of the New Initiative Requests for Skagit Fire District 02 & Skagit Fire District 03. **All for, none opposed.**

**Next meeting:** 9a-10a August 19, 2020, Location: Teleconference

<b>North Region EMS &amp; Trauma Care Council Community Based Training Grant Application</b>		
<b>Application must be submitted and reviewed by your Local EMS Council Office.</b>	<ul style="list-style-type: none"> <li>• Applications must be received in your Local EMS office by September 25<sup>th</sup>, to be eligible. Your local council may have a more specific deadline. Late or incomplete applications will not be accepted.</li> <li>• <b>Answer all questions <i>in the spaces and format provided.</i> Do not use smaller than 10 point type.</b></li> <li>• Signature of the applicant and/or authorized representative is required.</li> <li>• Submit <b>support materials behind the application</b> (brochures, references, samples, equipment descriptions, etc.).</li> </ul>	
<b>1. Contact Information</b>	Organization: Skagit County EMS	
	Primary Contact: Josh Pelonio, Director	
	Address: 2911 E College Way, Suite C	
	City: Mount Vernon	Phone: 360-360-1830
	Zip: 98273	Fax: n/a
	E-mail: joshp@co.skagit.wa.us	Website: www.skagitcounty.net
	Federal Tax ID#: 91-6001361	
	Fiscal Year End Date: December 31	
	County: Skagit	
<b>2. Summary</b>	Project/Equipment/Grant Title: High-Fidelity Simulation Training Manikin	
<b>Short Description (Limit 5 Lines):</b> High-fidelity patient care simulation manikin that can be used for initial and ongoing EMS training throughout the county and potentially throughout the region by reservation.		
<b>Project Budget:</b> \$ 25,589.27	<b>Amount Requested:</b> \$ 12,000	
<b>3. Detailed Description:</b> Explain the proposal/activity/project/training and how it benefits the North Region. How will you spend the money? What do you plan to do? When? Where? Include specific information regarding cost, dates, location, and activities, as well as general information regarding the content and significance of the proposal.		
<p>Skagit County EMS sponsors an EMT class twice per year for county personnel and facilitates a county-wide OTEP program for over 400 certified EMS personnel on a quarterly basis. We would like to purchase a Laerdal SimMan ALS high-fidelity (realism) adult patient simulation manikin to be used for EMS training. Through our partnership with Skagit Valley College for EMT training we have staff who are familiar with this manikin and have access to relevant curriculum and training scenarios specific to EMS. We utilize a regional training hub concept where smaller fire districts conduct EMS training with the larger “hub” agency within their geographic area. We already have the infrastructure in place to support the deployment of EMS training curriculum and instructor support for the integration of this equipment. We are requesting \$12,000 in funding support and Skagit County EMS will contribute the remaining additional funding toward the cost of the project to include user training.</p>		

**Detailed Description – *continued***

The real-life learning experience available to initial EMS training programs are unpredictable and the COVID-19 pandemic has further challenged the ability to give students opportunity for clinical field and hospital observation time. Similarly, the ability to send Paramedics into the hospital environment to practice clinical skills is extremely limited. This is the same technology currently used in many nursing programs including Everett and Skagit Valley College. With this patient simulation technology we can provide a better opportunity for initial and ongoing EMS education and training in essential, high risk skills, and complex patient care scenarios and improve overall EMS delivery in Skagit County and the North Region.

**4. Summarize the Three Principal Objectives:**

1. Provide opportunity for EMS personnel to demonstrate skills competency through patient simulation scenarios in a controlled environment before performing them on a live patient.
2. Provide opportunity for EMS personnel to review and reflect on their skill performance immediately following a patient simulation scenario.
3. Improve the quality of prehospital EMS activities and services through enhanced evaluation of critical thinking and clinical judgement skills.

**5. Agency Information:** Describe the mission and/or goals of your organization. How does the proposed project relate to and enhance them? Why is the proposed funding request a priority at this time?

The mission of Skagit County EMS is to support a system of innovative, patient-centered, pre-hospital care in part through support of access to high quality EMS training for our provider agencies and personnel. This project will allow us to expand the capability for high-fidelity patient care training through realistic patient care simulation. This funding request is a priority at this time due to the fact that in-person clinical experiences for training purposes (hospital rotations, OR time, ride-alongs for students) are significantly limited due to COVID-19. We are also continuing to limit in-person training and this will provide an option for comprehensive station-level and crew-level EMS training.

North Region EMS & Trauma Care Council

<b>6. BUDGET: Expenditures and Income</b>			
<b>Description</b>	<b>North Region Grant</b>	<b>Matching/In-Kind (Skagit County EMS)</b>	<b>Grand Total</b>
<b>Meetings/Events/Education</b> (e.g. room rental, mileage, travel expenses)			
<b>Equipment</b> (e.g. safety devices, manikins, educational supplies & materials)	\$12,000	\$9,242.20	\$21,242.20
<b>Contractual Services</b> (e.g. printing, postage, ads/media)			
<b>Other Expenses</b> Full day user training with Laerdal Clinical Educator (8 people)		\$2,499.00	\$2499.00
<b>Other Expenses</b> Sales Tax		\$1,848.07	
<b>Grand Totals</b>	\$12,000	\$13,589.27	\$25,589.27
<b>7. Budget Narrative:</b> Use this space to provide additional information about your budget and expenses. Is this a continuing project? If so, how will it be funded in the future?			
This funding request will cover the initial start-up costs of the project including a full day of on-site staff/operator training for 8 people with a Laerdal Clinical Educator. After the initial startup cost, all ongoing maintenance, repair, and software license renewals, and related costs will be funded by Skagit County EMS training budget.			
<b>8. Signature:</b> The signatory declares that she/he is an authorized official of the applicant and is authorized to make this application. She/he will assure the funds received as a result of this application are used only for the purposes set forth herein.			



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Josh Pelonio, EMS Director

8/14/2020

Signature of Applicant or Authorized Signer

Date

## **Application Review Criteria**

Application will be reviewed for funding recommendation according to the following ranking criteria as listed in the Criteria Matrix. The Criteria Matrix is as follows:

1. Eligibility as a licensed EMS Provider in the North Region (licensed EMS providers, first responder organizations, injury prevention organizations, EMS training centers, academic institutions and others related to EMS).
2. Purpose- Does it improve the existing quality of prehospital EMS activities or services, decrease patient mortality and morbidity; or expand the extent, size or number of existing prehospital activities or services?
3. Does it provide for countywide or multiple agency application/participation?
4. Does the project include written, measurable, obtainable objectives?
5. The project is clearly described.
6. There is strong evidence that the project is responsive to the defined need and is service driven rather than agency driven.
7. The work plan is clearly identified/ defined.
8. There is strong indication the project is not replacing or unnecessarily duplicating existing equipment and is for only those items necessary to accomplish the objectives.
9. The budget is reasonable.
10. The project application, overall, is clear and complete.

**Customer No: 98273MED**  
**Quote Date: 8/12/2020**  
**Expiration Date: 9/11/2020**

**FOB Destination -  
 We Pay FREIGHT!**

**Ship To: SKAGIT COUNTY EMS**  
 MOUNT VERNON, WA 98273

**Contact: Josh Pelonio**  
**Phone: 360-416-1834**  
**Fax:**  
**eMail: joshp@co.skagit.wa.us**

**Pay Terms: Credit Card**  
**FOB: Destination**

**Prepared By: Rebecca Garcia, Contract Specialist**

Quantity	Item Number	Description	Unit Price	Extension	Tax
1 ea	TR20001M	SimMan ALS Manikin, Medium Skin	17,900.00	17,900.00	Y
1 ea	TR20450150	Laerdal™ LLEAP Software for SimPad® PLUS System	2,600.00	2,600.00	Y
1 ea	LAER_185-50050	Physio/Mindray to ShockLink Training Adaptor	68.60	68.60	Y
1 ea	LAER_185-50450	Zoll ShockLink Training adapter	68.60	68.60	Y
1 ea	TR13850	Laerdal Humeral IO/IV Right Arm	605.00	605.00	Y
1 ea	TREDEGS100	SimMan ALS Course Getting Started 1 Day	2,499.00	2,499.00	N

**Your Regional Account Manager:**

Anne-Marie Fote  
 anne-marie@life-assist.com  
 206-406-6727

**Note: Revised Invoice**

**Sub Total: 23,741.20**  
**Freight: 0.00**  
**Est. Sales Tax: 1,848.07**  
**Total: 25,589.27**

**Thank you for the opportunity to quote the above item(s).**







**Laerdal**<sup>®</sup>

helping save lives



High-quality realistic ALS training

  
Available in Light, Medium,  
and Dark Skin Tones

## SimMan<sup>®</sup> ALS

SimMan ALS provides a mobile, durable solution that will meet the training needs of pre-hospital and in-hospital emergency care providers - from basic assessment to advanced life-support skills. From pre-hospital, on scene assessment and management to definitive care in a hospital, SimMan ALS can fulfill the unique training requirements of emergency healthcare providers.



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# SimMan® ALS

## Multiple Airway Skills/Features

- Controllable open/closed airway; automatically or manually controlled
- Head tilt/Chin lift
- Jaw thrust w/articulated jaw
- Suctioning (Oral & Nasopharyngeal)
- Bag-mask ventilation
- Orotracheal intubation
- Nasotracheal intubation
- Combitube, LMA, I-gel and other airway placement
- Endotracheal tube intubation
- Retrograde intubation
- Fiberoptic intubation
- Transtracheal jet ventilation
- Needle cricothyrotomy
- Surgical cricothyrotomy
- Airway resistance - 3 settings (Open/ Medium/ Closed)
- Right main stem intubation
- Stomach distention
- Airway complications include tongue fallback and tongue edema

## Breathing Features

- Simulated spontaneous breathing
- Bilateral and unilateral chest rise and fall
- Normal and abnormal breath sounds
- Lung auscultation sites: posterior and anterior sites
- Oxygen saturation and waveform

## Breathing Complications

- Cyanosis
- Pneumothorax w/bilateral needle decompression
- Unilateral & bilateral chest movement
- Chest tube insertion – bilateral

## Certifications

- UL, CE, FCC, CSA, HMR

## Cardiac Features

- Extensive ECG library
- Heart sounds
- ECG rhythm monitoring (4 wire)
- 12 lead ECG display
- Defibrillation and cardioversion using live shock with training pads – ShockLink™ (purchased separately)
- Defibrillation and cardioversion using live defibrillation pads or paddles (SimMan ALS LiveShock)
- Pacing

## Circulation Features

- BP measured manually by auscultation of Korotkoff sounds
- Bilateral carotid, femoral, radial pulses synchronized with ECG
- Pulse strength variable with BP
- Pulse palpation is detected & logged

## Vascular Access

- Pre-ported IV access (right arm)
- Intraosseous access (tibia)

## Eyes

- Manually set to: Open, closed and partially open
- Set of interchangeable pupils

## QCPR

- QCPR feedback and scoring compliant with 2010-2015 Guidelines
- CPR compressions generate palpable pulses, blood pressure wave form, and ECG artifacts
- Realistic compression depth and resistance
- Automatic detection of depth, release and frequency of compressions as well as hand placement

## Other Features

- Fully articulating pelvis
- Leg rotation in all natural directions
- Foley catheterization (without urine output)
- Patient Voice
  - Pre-recorded and custom sounds
- Instructor can simulate patient's voice wirelessly
- Prepared for diagnostic ultrasound training using the Laerdal-SonoSim Ultrasound solution (separate purchase required, for LLEAP operation only).

## System Features

- Wireless PC or SimPad PLUS controls simulator remotely
- Control simulations from anywhere on your network
- Manual Mode
  - Precise control “on the fly”
- Automatic Mode
  - Run pre-packaged scenarios
  - Unique, simple controls increase/decrease difficulty & pace
- Integrated video debriefing
- Data logging
- Instructor comments

## Patient Monitor (Optional)

- Simulated patient monitor provides concise clinical feedback for physiological parameters
- Simulated parameters for SimPad PLUS operation: ECG, etCO<sub>2</sub>, HR, SpO<sub>2</sub>, BP, RR, and Temperature
- LLEAP operation provides additional simulated parameters including CO<sub>2</sub>, CVP, ICP, anesthetic agent, TOF, cardiac output, and more. In addition, the LLEAP monitoring options can display x-ray, custom images, and custom video

## Ordering Information

235- 02350 / 02150 / 02250 SimMan ALS (Light / Medium / Dark)

*Includes: SimMan® ALS Manikin, SimPad® PLUS LinkBox, Lithium-ion battery, specially designed clothing, upper teeth (hard), male/female/blank genitalia, BP cuff, set of consumables, 2 soft sided transportation cases and setup guides.*

235- 03350 / 03150 / 03250 SimMan ALS LiveShock (Light / Medium / Dark)

*Includes: SimMan ALS Manikin, SimPad® PLUS LinkBox, Lithium-ion battery, specially designed clothing, upper teeth (hard), male/female/blank genitalia, BP cuff, set of consumables, 2 soft sided transportation cases, and setup guides. In addition, SimMan ALS LiveShock comes with built-in ShockLink unit and special chest skin for defibrillation with real pads or paddles.*

## Operation and Patient Monitoring Options

204-30101	SimPad Plus
400-10201	Laptop Instructor PC-Patient Monitor
400-09201	Tablet Instructor PC-Patient Monitor
400-09501	Rugged Instructor PC-Patient Monitor
400-29301	All in One Panel PC Instructor PC-Patient Monitor

## Licenses

204-50150	LLEAP for SimPad PLUS Software License
400-01050	LLEAP PC Software License

## Accessories

212-13850/ M / D	Right humeral IO/IV arm (Light / Medium / Dark)
400-96050	USB HD Web Cam
212-29650	Headset and Mic with USB (LLEAP Operation)
200-30950	SimPad Headset
185-10050	ShockLink System
216-20001	SimView Mobile System
390-00150	Laerdal-SonoSim Ultrasound Solution Upgrade for SimMan Family (Probe, Software, Tags)



Department of Health Ambulance and Aid Service License Min/Max Levels

County	Verified Service Type	State Approved Minimum Number	State Approved Maximum Number	Current Status
Skagit	AID - BLS	13	27	17
	AID - ILS	0	0	0
	AID - ALS	0	0	0
	AMB - BLS	13	27	2
	AMB - ILS	0	0	0
	AMB - ALS	7	8	5