

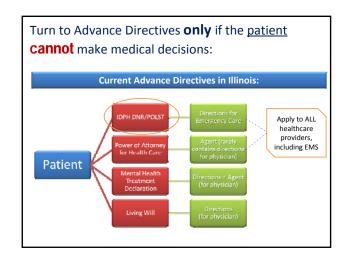


Objectives

Upon completion, participants will

- explain the POLST Paradigm and how patient wishes are determined and documented on a standard form.
- determine how POLST documentation builds upon and improves existing advance directives.
- recognize the importance of EMS personnel being properly educated regarding interpreting POLST forms during emergencies and other relevant circumstances.

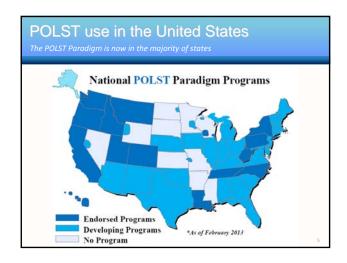
POLST



IDPH DNR Advance Directive is now POLST compliant

On 3-15-13, IDPH introduced the new Uniform DNR Advanced Directive Form to meet the national POLST standards used in other states POLST stands for "Physician Orders for Life-Sustaining Treatment"

POLST reduces medical errors by improving guidance during life-threatening emergencies



Concerns about other non-POLST Advance Directives



- The old DNR form was not specific enough to guide EMS action in all situations
- Other Advance Directives are not medical orders completed by a physician that EMS personnel are legally allowed to follow

The new DNR (POLST) form addresses all of these concerns



Benefits of new DNR (POLST) form Promoting Patient-Centered Care



Provides concrete Medical Orders that **must** be followed by all healthcare providers

Easily recognized standardized form for entire state

A single form goes with patient from care setting to care setting

4th version of IDPH DNR form

2000: 1st state EMS DNR "Orange form". Only for EMS; order had to be rewritten at each new facility.

2005: IDPH Uniform **DNR Order form** applied to all facilities and patient only needed one form.

2006: Some facilities confused if form had to be used for every in-hospital DNR order (it did not), so was renamed IDPH Uniform DNR Advance Directive.

2013: Still called IDPH Uniform DNR Advance Directive, but some may also call it the POLST form (shorthand), since it uses that way of talking to patients and documenting their wishes (POLST "paradigm") for care during life-threatening emergencies.

ALL previous versions of the form are still VALID!!



Some may still have older versions of the form A valid, completed form does not expire

The person does NOT need the original form – all copies of a valid form are also valid

Form should travel with patient at all times

10

What if there are 2 or more different forms?



When a new form is created, it voids past forms

Follow instruction on the form with the most recent date



Does the color of the form matter?



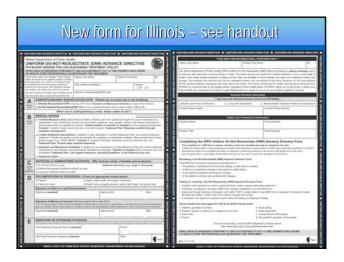
NO.

It is recommended that the form be printed on **pink** paper – only to make it easier to see or find

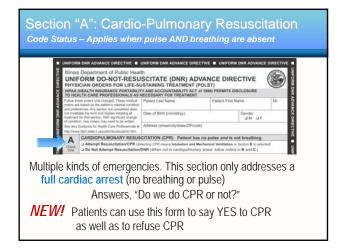
All copies of the form are valid, regardless of color

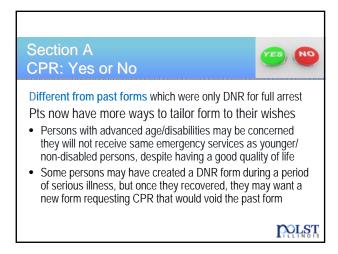


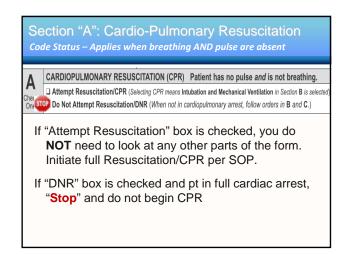
PQLST

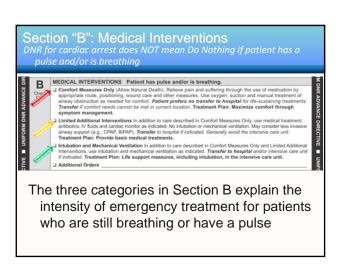


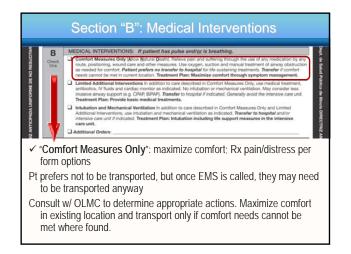


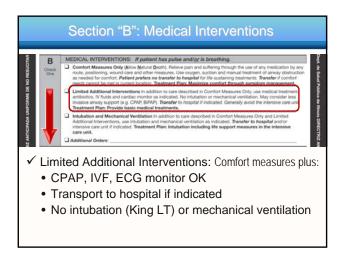


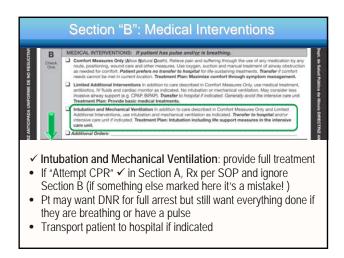


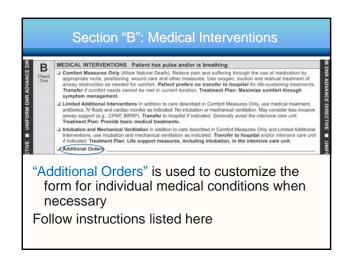


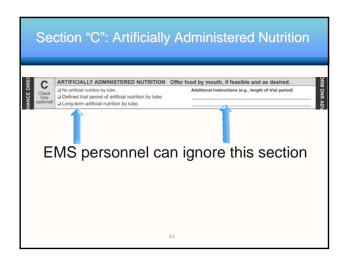


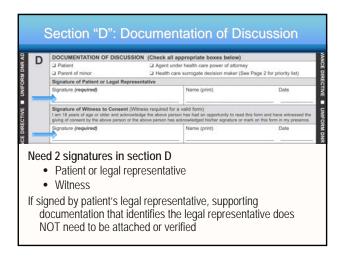


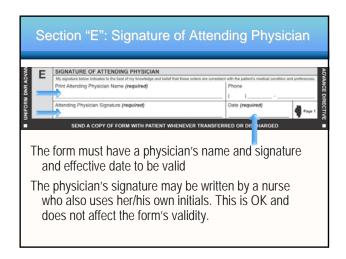


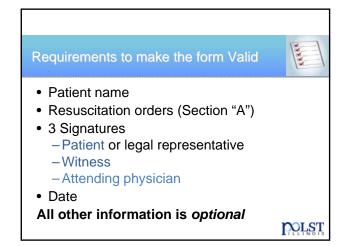


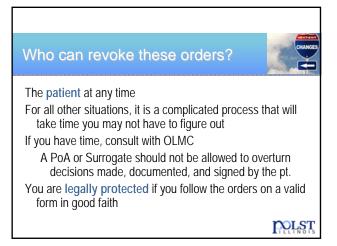




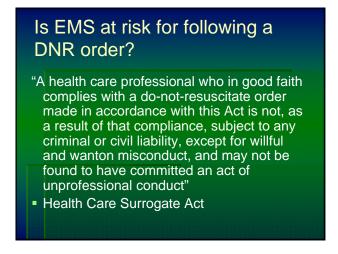


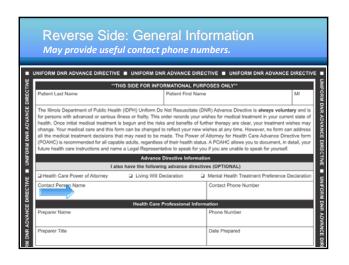












What action is needed if EMS is presented with a DNR (POLST) form that contains the patient's name and signature, date of implementation, physician's signature, and DNR box checked in Section A?

A. Accept valid order and withhold CPR

B. Disregard invalid DNR; ask family their wishes

C. Call physician who signed DNR to verify validity

D. Seek OLMC physician OK to accept incomplete order

A valid DNR order should be honored unless compelling circumstances arise and an OLMC physician directs EMS to resuscitate

This presentation for the POLST Illinois
Taskforce has been made possible by in-kind and other resources provided by:

POLST
Physician Orders for Life Sustaining Treatment

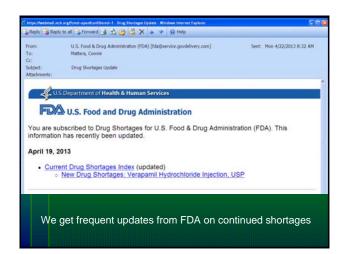
THE
RETIRIAMENT RESEARCH FOUNDATION

Horizon Hospice
& Palliative Care

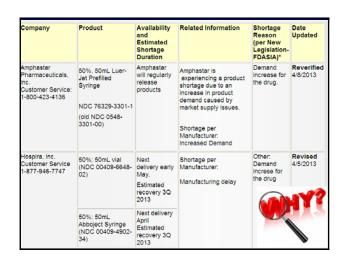
Advocate Health Care
Inspiring medicine. Changing Bres.



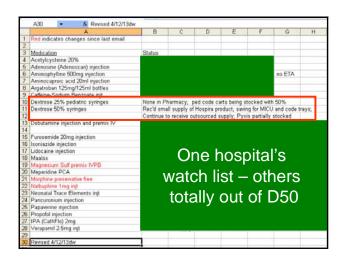


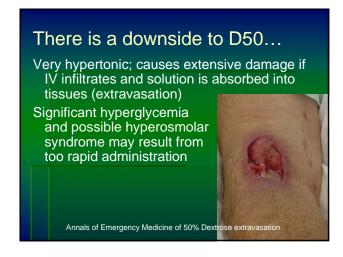










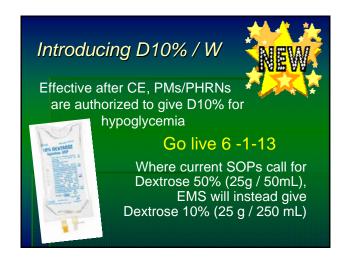


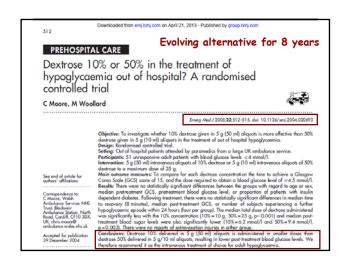






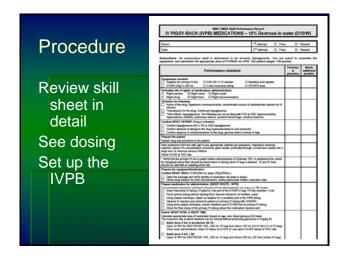


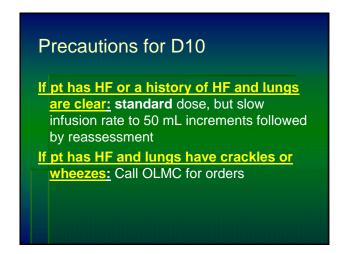


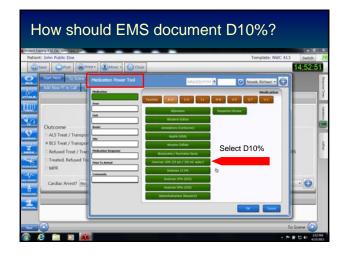


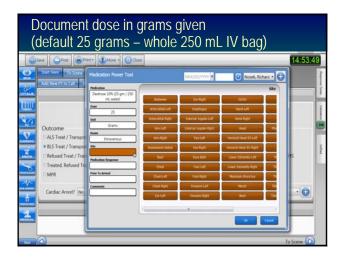


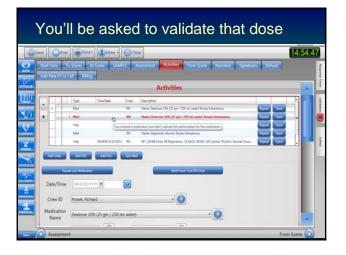


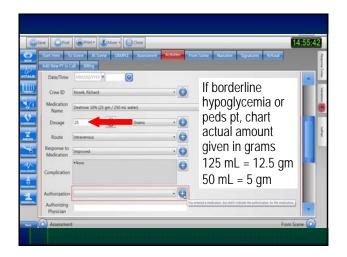


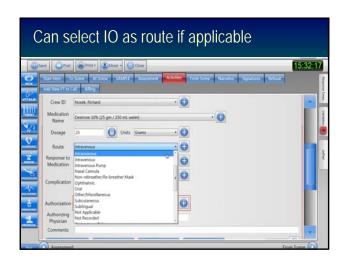












A 6 y/o with type 1 diabetes presents unconscious with a bG of 30. The mother states that the child weighs 53 lbs (24 kg). How much D10% should be given?



How should dopamine be documented?

A. Microdrips per minute (mcggts/min)

B. Milliliters per hour (mL/hr)

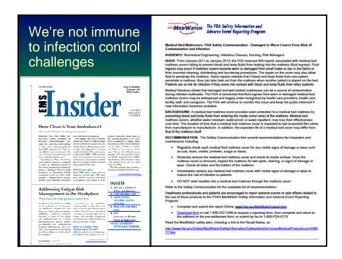
C. Micrograms/kg/min
(mcg/kg/min)

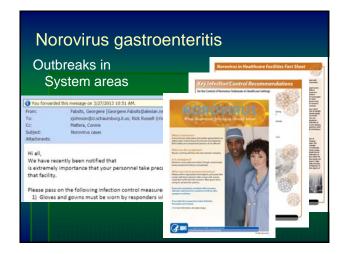
Note: For documenting IV/IO Dopamine administration, please use the dosage noted in the SOP's and unit of measurement as mcg/kg/min. Ex: 5.0 mcg/kg/min OR 10.0 mcg/kg/min OR 20.0 mcg/kg/min.

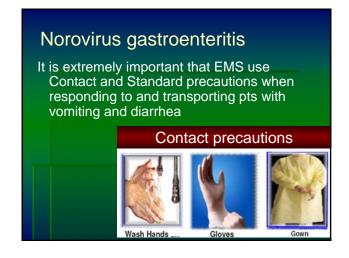
Hospital personnel prefer to see the "actual dosage" as opposed to our "in field drip rates".











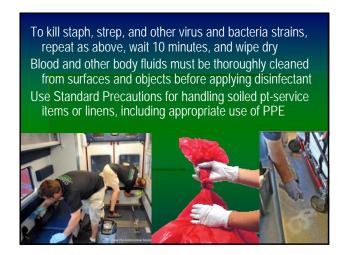


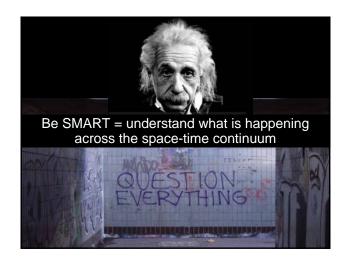
Increase frequency of cleaning and disinfection of pt care areas and frequently touched surfaces during outbreaks of norovirus Cleaning and disinfecting of ambulance should be done before transporting another pt.

Procedures for cleaning:

Spray all surfaces with EPA-approved disinfectant; hold cleaning agent dispenser 10" from surface and atomize with quick short strokes, spraying evenly on (potentially) contaminated areas of equipment and affected interior pt compartment or other affected portions of vehicle until wet.

Wait 30 seconds and wipe dry with paper towel.





Make System error resistant

Practice 6 Rs of drug administration

Carefully inspect all packaging for correct drug, concentration, expiration date, etc.

Cross check all meds with another PM before giving

If error is made inform OLMC and call Dr. O



Robertshaw H, McAnulty G. (1998). Ambient oxygen concentrations during simulated cardiopulmonary resuscitation. Anaesthesia, 53(7):634-7.

O2 concentrations were measured at 12 points around a CPR mannequin following simulated ventilation w/ self-inflating bag, and ventilator to determine whether increased O2 concentrations may contribute to the risk of combustion from arcing defib paddles.

Ventilation was simulated using either a mask or tracheal tube.

Gas sampling took place after 5 min of ventilation with: (1) removal of ventilatory device and placement on a pillow to left of mouth, (2) the tubing of device removed to a point 1 m behind the mouth and (3) the device left connected to the tracheal tube.

Concentrations of >30% were measured in left axilla after placement of devices on the pillow. No increase in O2 concentration was seen when the devices were either left connected to the ETT or removed to a distance of 1 m. (1m = 39 in)

Leaving a pt connected to a ventilator poses no increase in risk of fire from ignition of combustible material in an oxygen-enriched atmosphere during defibrillation.

Disconnecting any device which continues to discharge oxygen and leaving it on the pillow before defibrillation is dangerous.



White SJ, Hamilton WA, Veronesi JF. (1991)
Prehosp Disaster Med. Oct- Dec; 6(4):429-34

A comparison of field techniques used to pressure-infuse intravenous fluids

Abstract: Application of pressure infusion bags may increase IV flow rates three-fold. Commercially available pressure infusers, manual squeezing of the IV fluid bag, inflating a BP cuff around the bag, and kneeling on the bag have been used by prehospital personnel attempting to augment fluid infusion rates. To test the efficacy of each these methods, seven experienced paramedics were asked to employ each method in two trials using a 1-liter bag of saline through a 14-gauge, 5.7cm catheter and a standard administration set. Gravity flow from 80 cm served as the control.

Pressure infusers generated flow rates of 257+/-54 ml/min and 296+/-53 ml/min when inflated to 300 mmHg and maximum pressure respectively. This rate was 2-2.5 times that of gravity flow (123+/-2 ml/min) and significantly greater than those rates obtained by any other method (p less than .0005).

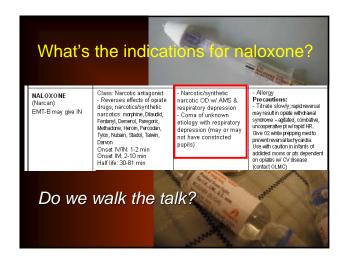
Manually squeezing the bag also was significantly better than gravity flow with flow rates of 184+/-46 ml/min and 173+/-40 ml/min achieved by each of two different squeezing methods (p < 0.01).

Neither BP cuff application and inflation (135+/-28 ml/min) nor kneeling on the bag (125+/-36 ml/min) was better than gravity alone. These results indicate that pressure infusers should be used to the exclusion of other field methods of supplying infusion pressure. If pressure infusers are not available, manually squeezing the bag is the only alternative acceptable in the field.

Source: University of Rochester Medical Center, N.Y.







PBPI results - Dec. 2012

N: 181 patients

Naloxone given to the following:

86/181 (48%): Initial RR WNL (12-20/min) (3)

77/181 (43%): RR slow (17 with apnea) (3)

17/181 (9%): RR fast (tachypnea) (3)

1 had no respirations documented (3)

Action needed: Re-education re indications for naloxone. Pts w/ an opiate OD are expected to have bradypnea.

