

## Visual SmartBoard™ for Sepsis



### **Earlier detection for faster, more effective treatment**

More than 1.5 million cases of sepsis occur in the United States each year with a mortality rate of up to 50 percent. Even with ideal treatment, the mortality rate from sepsis, or septic shock is around 40 percent.

Visual SmartBoard™ for Sepsis monitors real-time MEDITECH clinical data for patients at risk for sepsis. By capturing clinical data in real time, this application can help clinical teams detect early signs of sepsis, so they can begin assessment and treatment plans quickly.

Visual SmartBoard for Sepsis uses clinical workflows combined with algorithms to monitor a patient's sepsis score. These algorithms allow the care team to monitor and alter the patient course of treatment when a track toward sepsis is identified.

To calculate the sepsis score range for your patients, Visual SmartBoard for Sepsis uses algorithms based on the Criteria put forth by CMS for each of the below conditions.

1. SIRS - Systemic Inflammatory Response Syndrome
2. Possible Sepsis
3. Severe Sepsis
4. Septic Shock

A septic patient meeting two or more of the conditions in Criteria 1, one or more of the conditions in Criteria 2, and one or more of the conditions in Criteria 3, would be considered Positive for sepsis. Other combinations exist as well, and will result in a patient being Negative, Possible, Probable, or Positive for sepsis.

### Visual SmartBoard Notification Engine

Visual SmartBoard Notification Engine provides real-time notification to appropriate staff when hospital-defined

criteria on a customized view are met. Notification methods include email, fax, print, text, and page so your team can take immediate action.

### Key Advantages Include:

- Automatic notification alerts assigned to caregivers
- Monitor and analyze inpatient and ED patients
- Enhance caregiver performance and patient outcomes
- Timely notifications to clinicians involved with patient care
- Use of colors and sounds to alert users to important information
- Provides easy navigation to MEDITECH routines and web URLs
- Allows hospital to define custom criteria for each display
- Easily access clinical data from real-time surveillance boards
- Reduce sepsis by predicting patient risk

To learn more about **Visual SmartBoard for Sepsis** or other Iatric Systems products or services, please contact us using the information below.

Screen Results	Criteria Score	Location	Name	Reason for Visit	Acct #	Attend	All Labs	Wbc	Glucose	Pt Int	TBil	Lactate	AMS	Temp (0)	SpO2	Pulse	Diabetic	Antibiotic	All Meds	Sepsis Criteria	Positive Dttm	Comments
Probable	4 - 1 - 0	ST1 SPU-A-6	TESTDOG,BRIAR	DEHYDRATION	V00035667	PWMDOC	All Mic	23.0 H	125 H	198	2.00 H	1.00	680	100.5*	100	88						
Probable	3 - 1 - 0	ST1 SPU-B-2	Budweiser,Clydesdale	CHEST PAIN	V00035352	PWMDOC		13.0 H	135 H	200	2.00 H		2500	100.1*	100	88						TOLDASDFAA
Probable	2 - 2 - 0	ST1 SPU-B-3	TESTANN,NP	CHEST PAIN	V00037846	PWMDOC		15.0 H	98	125 # L	2.00 H		3080	100.2*	96	86						
Negative	1 - 2 - 1	ST2 MSP41-1	CCD,TEST	TESTING CCD	V00008631	DERGO		10.0	80	125 L	2.00 H			98.6	100	88						
Negative	1 - 0 - 0	ST1 MSP24-1	LITTLE CRIPPLED,FREDDI CAT		V00030973	PWMDOC		25.0 *H			5.00 H			99.3*	100	80						
Negative	1 - 0 - 0	ST1 MSP16-1	MINYARD,MICHAEL I	ICDB	V00041046	IATRICMD								99.9*	100	62						
Negative	1 - 0 - 0	ST1 MSP04-1	TESTPATIENT,CARRIE	BACK PAIN	V00038299	ZMDACCESS		9.8	80	378	0.99			98.8	98	92						
Negative	1 - 0 - 0	ST1 MSP13-2	UGLAR,CHRISTOPHER J	ICDB	V00041038	IATRICMD		15.1						99.9*	100	62						
Negative	1 - 0 - 0	ST2 MSP35-1	testcaramel,sundae	Abdominal pain	V00024182	PWMDOC								98.5	99	88						
Negative	0 - 0 - 0	ST1 MSP10-1	AMLIN,JACKSON D	ICDB	V00041012	IATRICMD								98.6	97	64						
Negative	0 - 0 - 0	ST1 MSP17-1	BARWENDEL,JUDITH L	PERSISTANT COUGH ONSET 1 W	V00031351	SINAN		10.0						98.6	97	64						
Negative	0 - 0 - 0	ST1 MSP21-1	BUILDER,BOB		V00039099	BABDA								110/80	18							
Negative	0 - 0 - 0	ST2 MSP28-1	Blueberry,Lemonade	abdominal pain	V00024117	PWMDOC							39.0 H									09/04/15 16:46
Negative	0 - 0 - 0	ST2 MSP33-2	CDETEST,THOM	PAIN	V00026666	IATRICMS																
Negative	0 - 0 - 0	ST1 MSP03-1	DUMBLEDORE,PROFESSOR	IATRIC TEST PATIENT	V00039404	ABOST																
Negative	0 - 0 - 0	ST1 MSP05-1	HP,HONG20		V00037788	LOVST																
Negative	0 - 0 - 0	ST2 MSP34-1	HP,PARENTI		V00034975	LOVST																
Negative	0 - 0 - 0	ST2 MSP32-2	HP,PARENTK		V00034983	LOVST																
Negative	0 - 0 - 0	ST2 MSP30-1	HP,SURVIVE2		V00034868	LOVST																
Negative	0 - 0 - 0	ST2 MSP39-1	HP,TEEN		V00035360	LOVST																