

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 iatricSystems 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
Timer	Criteria Total	ODS					All Mic	Hgb	Poc Glu		Great	Appt	Oliguria	BP	O2	Resp	Surg24	BetaBlock	Steroids	Septic Shock	Comments
Probable	4 - 1 - 0	ST1 SPU-A-6	TESTDOG,BRIAR	DEHYDRATION	V00035667	PWMDOC	***	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	***	33.0 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	***	35.0 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	IATRICMD	***	10.0						98.6	97	64		***	***	***	
Negative	0 - 0 - 0	ST1 MSP21-1	BUILDER,BOB		V00039099	IATRICMD	***							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	***											***	***	***	