

YKHC

Modified Pediatric Early Warning Score

(mPEWS)

Age-Specific Scoring Guide

0-2
3-5
6-7
≥8

9/12/2015

mPEWS <90 days

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	113-171	103-112 172-186	<103 >186
RR	0 points	1 point	2 points
	27-62	22-26 63-76	<22 >76
SBP	0 points	1 point	2 points
	60-90	50-59 91-110	<50 >110
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 3-6 months

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	108-167	98-107 168-182	<98 >182
RR	0 points	1 point	2 points
	25-58	21-24 59-71	<21 >71
SBP	0 points	1 point	2 points
	80-110	70-79 111-120	<70 >120
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 6-9 months

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission	<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube	
LOC	0 points		2 points
	Alert, awake, asleep, or arouses easily		Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	104-163	94-103 164-178	<94 >178
RR	0 points	1 point	2 points
	23-54	20-22 55-67	<20 >67
SBP	0 points	1 point	2 points
	80-110	70-79 111-120	<70 >120
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 9-12 months

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission	<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube	
LOC	0 points		2 points
	Alert, awake, asleep, or arouses easily		Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	101-160	91-100 161-176	<91 >176
RR	0 points	1 point	2 points
	21-48	18-20 49-60	<18 >60
SBP	0 points	1 point	2 points
	80-110	70-79 111-120	<70 >120
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 12-18 months

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission	<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube	
LOC	0 points		2 points
	Alert, awake, asleep, or arouses easily		Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	97-157	87-96 158-173	<87 >173
RR	0 points	1 point	2 points
	20-45	16-19 46-57	<16 >57
SBP	0 points	1 point	2 points
	90-120	75-89 121-130	<75 >130
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 18-24 months

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission	<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube	
LOC	0 points Alert, awake, asleep, or arouses easily		2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points 96.8 – 101.1°F	1 point 95.2-96.7°F 101.2-104°F	2 points <95.2°F >104°F
HR	0 points 92-154	1 point 82-91 155-170	2 points <82 >170
RR	0 points 18-42	1 point 16-17 43-54	2 points <16 >54
SBP	0 points 90-120	1 point 75-89 121-130	2 points <75 >130
Oxygen	0 points >95%	1 point 90-95%	2 points <90% or on supplemental oxygen
IVF	0 points none	1 point 10 mL/kg within last 8 hours	2 points >10 mL/kg within last 8 hours

mPEWS 2-3 years

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	87-150	77-86 151-167	<77 >167
RR	0 points	1 point	2 points
	18-42	16-17 43-54	<16 >54
SBP	0 points	1 point	2 points
	90-120	75-89 121-130	<75 >130
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 3-4 years

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	82-146	71-81 147-164	<71 >164
RR	0 points	1 point	2 points
	18-40	15-17 41-52	<15 >52
SBP	0 points	1 point	2 points
	90-120	75-89 121-130	<75 >130
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 4-6 years

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	77-142	68-76 143-161	<68 >161
RR	0 points	1 point	2 points
	17-37	14-16 38-50	<14 >50
SBP	0 points	1 point	2 points
	90-120	80-89 121-130	<80 >130
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 6-8 years

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	71-137	61-70 138-155	<61 >155
RR	0 points	1 point	2 points
	16-35	13-15 36-46	<13 >46
SBP	0 points	1 point	2 points
	90-120	80-89 121-130	<80 >130
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 8-12 years

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission	<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube	
LOC	0 points		2 points
	Alert, awake, asleep, or arouses easily		Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	66-129	56-65 130-147	<56 >147
RR	0 points	1 point	2 points
	15-31	13-14 32-41	<13 >41
SBP	0 points	1 point	2 points
	90-120	80-89 121-130	<80 >130
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS 12-15 years

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	61-121	51-60 122-138	<51 >138
RR	0 points	1 point	2 points
	13-28	11-12 29-35	<11 >35
SBP	0 points	1 point	2 points
	100-130	85-99 131-150	<85 >150
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours

mPEWS >15 years

1 point for each			
PMH	<input type="checkbox"/> Baseline supplemental oxygen requirement (home oxygen) <input type="checkbox"/> Previous ICU admission		<input type="checkbox"/> Heart disease or surgery <input type="checkbox"/> Severe neurologic abnormality (CP, severe developmental delay, etc.) <input type="checkbox"/> Gastrostomy tube
	LOC	0 points Alert, awake, asleep, or arouses easily	2 points Agitated, anxious, lethargic, confused, or irritable
Temp	0 points	1 point	2 points
	96.8 – 101.1°F	95.2-96.7°F 101.2-104°F	<95.2°F >104°F
HR	0 points	1 point	2 points
	57-115	48-56 116-132	<48 >132
RR	0 points	1 point	2 points
	13-26	11-12 27-32	<11 >32
SBP	0 points	1 point	2 points
	100-130	85-99 131-150	<85 >150
Oxygen	0 points	1 point	2 points
	>95%	90-95%	<90% or on supplemental oxygen
IVF	0 points	1 point	2 points
	none	10 mL/kg within last 8 hours	>10 mL/kg within last 8 hours