


overwhelming: during the first test period there were at least 10% less unexpected deaths and more than 85% less call ups for the hospital Medical emergency Team (MET) compared to the same period in the previous year. All nursing units at UZ Brussel will be equipped with this system by September 2011. The intention in a later phase is to explore the possibility to adapt the software so as to also roll it out within UZ Brussel's Children's Hospital. As early as 2008 the Health Ministry had earmarked this project as an example for all Belgian hospitals.

Electronic Modified Early Warning Score (e.m.EWS)



SCORE	3	2	1	0	1	2	3
Respiratoir Ritme		≤8	9-10	11-20	21-25	26-30	≥31
Pols		≤40	41-50	51-100	101-110	111-120	≥131
Syst. Bloeddruk	≤84	85-89	90-100	101-199			≥200
GCS	≤8	9-13	14	15			
WAPA			Neuere agitate of confusie	Wakker	Aanspreekbaar	Pijn	Arrestief
Urine	≤10ml/u in 2u	≤30ml/u in 2u		>60ml/u in 2u			
Temp (°C)		≤35.0	35.1-35.9	36.0-37.4	37.5-38.4	≥38.5	
SpO ₂	≤87	88-91	92-94	95-100			
TOT. SCORE							

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SCORE 0-2
 → observatie de parameters 3 x / dag
 → verhoging de frequentie van observatie van de parameters bij verandering in de klinische toestand van de patiënt

SCORE 2-3
 → informeer de verpleegkundige van de afdeling
 → neem een nieuw EWS binnen het uur

SCORE 3-4
 → ABC + zuurstoftherapie
 → roep de verpleegkundige en/of nachtdienst
 → her-evalueer de EWS na 30 min.
 * zo verbetering → observeer verder
 * zo geen verbetering → nieuw EWS = + 3
 → roep de verpleegkundige en arts
 * arts komt binnen de 60 min.
 → verhoging frequentie van observatie naar elke 30 min
 → score = 3. zie flow chart EWS = 3

SCORE 3, 4, 5, 6
 → ABC + zuurstoftherapie
 → roep de verpleegkundige en/of nachtdienst
 → verhoging frequentie van observatie naar elke 15 min.
 → roep de verpleegkundige en arts
 * arts komt binnen de 30 min.
 * arts vraagt advies van de senior arts

SCORE 5-6
 → ABC + zuurstoftherapie
 → roep de verpleegkundige en arts
 → roep de verpleegkundige en arts

University Hospital Brussels (UZ Brussel) is an academic hospital which counts about 3.200 staff. It is linked to the Faculty of Medicine and Pharmacy of the Free University of Brussels on the Jette Campus. With its 721 hospital beds, UZ Brussel each year treats more than 28,000 in-patients and 400,000 outpatients, both national and international. University Hospital Brussels' values are based on three principles: Dutch language, pluralistic and community-focused. As a university hospital, UZ Brussel also fulfils a teaching

mission and conducts scientific research. Further information is available on www.uzbrussel.be.

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