**MTS 4th Edition vital signs changes**

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| **MTS discriminator - Adults** | **MTS parameters** | **NEWs parameters** | **MTS priority** | **Comments** |
| New Severe Tachycardia | See New abnormal pulse | ≥131 | Orange |  |
| New Tachycardia | N/A | 111-130 | Yellow |  |
| New abnormal pulse | A bradycardia less than 60/min), a tachycardia (re than 100/min) or an irregular rhythm | N/A | Orange |  |
| New Severe Tachypnoea | N/A | ≥25 | Orange |  |
| New Tachypnoea | N/A | 21-24 | Yellow |  |
| Very hot | ≥41.0 | ≥39.1 | Orange |  |
| Hot | 38.5-40.9 | 38.1-39.0 | Yellow |  |
| Cold | ≤35 | ≤35 | Orange |  |

References:

[https://www.rcplondon.ac.uk/projects/outputs/national-early-warning-score-news-2](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.rcplondon.ac.uk%2Fprojects%2Foutputs%2Fnational-early-warning-score-news-2&data=05%7C01%7Cj.windle%40salford.ac.uk%7C93caaa6480784568ebbe08db3f534de2%7C65b52940f4b641bd833d3033ecbcf6e1%7C0%7C0%7C638173399275542285%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=pYRYi61t3p4gaoFSVVB3R2EYI6gjszInwYjfzcYopIE%3D&reserved=0) accessed 17.04.2023

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| **MTS discriminator - Children** | **MTS parameters** | **Age specific parameters** | **MTS priority** | **Comments** |
| New Severe Tachycardia | See New abnormal pulse |  | Orange |  |
| New Tachycardia | N/A |  | Yellow |  |
| New abnormal pulse | Age-appropriate definitions of bradycardia and tachycardia should be used in children |  | Orange |  |
| New Severe Tachypnoea | N/A |  | Orange |  |
| New Tachypnoea | N/A |  | Yellow |  |
| Very hot | ≥41.0 | ≥39.1 | Orange |  |
| Hot baby < 12 months of age) | 38.5-40.9 | N/A | Yellow |  |
| Hot | 38.5-40.9 | 38.1-39.0 | Yellow |  |
| Warm newborn (up to 28 days) | 37.5-38.4 |  |  |  |
| Cold | ≤35 | ≤35 | Orange |  |