

ONLINE RESOURCE 1 BENHAMIDA M, BIHOUEE T, VERSTRAETE M, GRAS LE GUEN C, LAUNAY E.

Online resource 1 Summary of HUGO guidelines for the management of bronchiolitis inpatients aged less than one year of age

| Diagnosis | |
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| diagnosis and gravity assessment | on the basis of history and physical examination chest-x-ray or laboratory tests should not be performed routinely |
| criteria to differentiate asthma from bronchiolitis | first episode of wheezing before 1 year = bronchiolitis second episode of wheezing before 1 year with personal or familial history of atopy = a trial of salbutamol possible if there is clinically relevant response = asthma ; if not = bronchiolitis third episode of wheezing = asthma |
| Treatments and monitoring | |
| not recommended | bronchodilators, corticosteroids, chest physiotherapy |
| target indication | antibiotics only if concomitant bacterial infection (amoxicillin in acute media otitis or pneumonia) |
| SpO2 targets | oxygen introduction limit: SpO2 < 92% (<95% if associated with signs of severity) oxygen discontinuation criteria: SpO2 >92% when asleep, >94% when awake limiting continuous pulse oxymetry |
| hydratation | nasogastric feeding is preferred, with the exception of severe bronchiolitis in patients with a WANG score > 8. |

SpO2 : oxyhemoglobin saturation