Asthma

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Condition

A disease characterized by recurrent attacks of breathlessness and wheezing, which vary in severity and frequency from person to person. During an attack, the lining of the passages swell causing the airways to narrow and reducing the flow of air in and out of the lungs. The condition is usually reversible and may require continuous or intermittent use of (steroid) medication, depending on the severity of the condition.

Individual at risk

DONOR

Guidance at RECRUITMENT

ACCEPT if condition is controlled with (daily) inhalers or non-steroidal oral medication

DEFER if condition requires oral steroids

Guidance at CT/WORK-UP

PBSC

ACCEPT if condition is controlled with (daily) inhalers or non-steroidal oral medication. The first dose of G-CSF should be supervised by a healthcare professional due to the risk of exacerbation.

DEFER if condition is poorly controlled and/or requires oral steroids

BM

MAY BE ACCEPTBALE if condition is controlled with (daily) inhalers or non-steroidal oral medication. However, all cases should be discussed with an anaesthetist at the time of work-up.

DEFER if condition is severe and/or requires oral steroids

All donors

If a donor is unsuitable for bone marrow harvest, the requesting transplant centre must be informed that there will not be an option of rescue marrow harvest in the case of failed mobilization.

Justification for guidance

Mild asthma is acceptable (and also accepted by most blood banks). However, the condition must be reassessed and evaluated in case of a HR/CT or work up request. The risk for exacerbation is increased if the condition is severe.

References

http://www.who.int/mediacentre/factsheets/fs307/en/index.html

Liccardi G, Salzillo A, Sofia M, D'Amato M, D'Amato G. Bronchial asthma. Curr Opin Anaesthesiol 2012; 25(1): 30-7.

Notes

ICD code 493