


# Retinitis pigmentosa

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## Condition

Inherited retinal degeneration with progressive loss of photoreceptor cells

## Individual at risk

Donor

## Guidance at RECRUITMENT/CT/WORK-UP

ACCEPTABLE

## Justification for guidance

There is no evidence to support an adverse effect of stem cell mobilisation in donors with RP. Indeed, G-CSF has been shown to increase photoreceptor survival and is even discussed as a novel therapeutic approach:

Oishi A, Otani A, Sasahara M, Kojima H, Nakamura H, Yodoi Y, Yoshimura N. Granulocyte colony-stimulating factor protects retinal photoreceptor cells against light-induced damage. *Invest Ophthalmol Vis Sci*. 2008 Dec;49(12):5629-35. doi: 10.1167/iov.08-1711. Epub 2008 Aug 1. [\[1\]](#).

Any impact of bone marrow collection also seems highly unlikely.