

Søknadsinformasjon

Utlysning	Nordic Cancer Union Research Grant, 2014
Søknad	Potential hazards for hematopoietic stem cell donors
Søknadsid	155119
Innsendt av	Hans Hägglund

Oppgave: Progress report

Tilordnet	Hans Hägglund
Status	Arkivert
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RAPPORT

Briefly describe the project in a language understandable to non-scientists

Allogeneic stem cell transplantation (SCT) is a complicated and dangerous, but life-saving procedure in patients with lethal diseases of the bone-marrow. The treatment depends on donation of haematopoietic stem cells from healthy volunteers. Both for ethical reasons and to promote future donation, it is of utmost importance that this donation is made as safe as possible, and that potential risks both in the short and long run has been adequately described so that the volunteer can make an informed decision.

Based on data from the Nordic Register of Haematopoietic Stem Cell Donors (NRHSD), from Swedish population based registries of hospital admissions and cause of death, and from the cancer registries in Denmark, Norway and Finland we have therefore proposed several studies, mainly potential long-term side-effects for the donors.

Summarize the major findings of the project

A research student, Simon Pahnke, MD, Specialist in Internal Medicine and Resident in Haematology, has been recruited and January 2015 begun work with a study of the current literature on stem cell donation January 2015.

The Nordic Register of Haematopoietic Stem Cell Donors (NRHSD) has March – February 2016 been updated to include 1958 donors from all Nordic countries except Iceland. All donors available for inclusion in the registry are now expected to be included. When quality control of the registry database was performed the database was found to require further management before final statistical analysis. This has been performed March – September 2015

An abstract from study 1 has been prepared and accepted for presentation as a poster at the EBMT conference April 2016. As by February 2016 statistical analyses for study 1 has been completed and a manuscript is in writing, hopefully to be submitted to a peer-reviewed journal March 2016.

An updated application to the Regional Ethics Review Board Uppsala will be submitted March 2016, covering studies 2-4.

Describe how the project has increased our knowledge of the prevention, cause and/or cure for cancer

It's to early to answer this question, analyses ongoing.

Outline how Nordic cooperation has added value to this project

This is a Nordic Registry, with Sweden, Denmark, Norway and Finland participating in registration 1998-2015 and now on analyzing data.

List the publications resulting from the NCU research grant

Author(s), title, journal and edition	PMID (8 digits, only if possible)
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Brief overview of expenditures for last year 0 vedlegg