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The value of autografting younger patients with high risk chronic lymphocytic leukaemia (CLL). A randomised phase III intergroup trial

Submission date 02/05/2001	**Recruitment status** No longer recruiting	[X] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 02/05/2001	**Overall study status** Completed	
Last Edited 26/10/2022	**Condition category** Cancer	

Plain English Summary
https://www.cancerresearchuk.org/about-cancer/find-a-clinical-trial/a-trial-looking-at-the-timing-of-transplants-using-a-patients-own-stem-cells-for-chronic-lymphocytic-leukaemia

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
G0001160

Study information

Scientific Title
The value of autografting younger patients with high risk chronic lymphocytic leukaemia (CLL). A randomised phase III intergroup trial

Acronym
MRC CLL5

Study hypothesis
This is a prospective randomised phase III trial designed to determine the outcome of autologous SCT compared to no further treatment at present in patients with high risk CLL who have reached a complete remission (CR), a very good partial remission (VGPR) or a nodular partial remission (NPR) after first or second line therapy.

The MRC CLL5 protocol is avaialble on http://www.ebmt.org/5WorkingParties/CLWP/CLL5/MRC_CLL5_protocol.pdf

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised controlled trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Not specified

Study type(s)
Not Specified

Participant information sheet
Not available in web format, please use the contact details below to request a patient information sheet

Condition
Leukaemia

Interventions

In this trial, younger patients with chronic lymphocytic leukaemia who are thought to be medically fit for autologous transplantation will be treated to maximal response with standard chemotherapy. Patients will then be randomised to undergo stem cell mobilisation followed by a cyclophosphamide/total body irradiation conditioned autograft. Purging of the stem cell product is optional.

Those patients not randomised to have an autograft will have the option of stem cell storage to be used at a later date.

Intervention Type
Other

Phase
Phase III

Primary outcome measure
Primary endpoints:
1. Progression free survival from randomisation
2. Overall survival from randomisation

Secondary outcome measures
Secondary endpoints:
1. Time to disease requiring therapy from time of remission
2. Quality of life
3. Feasibility of first line versus late stem cell transplant
4. Feasibility of peripheral blood mobilisation

Overall study start date
17/01/2002

Overall study end date
16/01/2008

Eligibility

Participant inclusion criteria
1. B CLL CD5+/CD23+
2. There is no upper age limit but patients must be judged physically able to withstand high-dose chemotherapy and the suitability of this treatment may be discussed with the Transplant Centre
3. Binet stage (at initiation of first line treatment) B, C, or progressive A
4. Complete Remission (CR) or Very Good Partial Remission (VGPR) or Nodular Partial Remission (NPR) assessed by bone marrow biopsy after first or second line treatment
5. Written informed consent

Participant type(s)
Patient

Age group
Adult

Sex
Not Specified

Target number of participants
Total 270 - UK anticipated to contribute approximately 125 patients

Total final enrolment
223

Participant exclusion criteria
1. Age less than 18
2. WHO Performance status less than 2
3. Any T-cell leukaemia, NHL, Richter syndrome, mantle cell lymphoma, PLL
4. HIV seropositivity.
5. Inadequate renal or liver function, i.e. creatinine and bilirubin less than 1.5 times the upper limit of normal
6. Severe heart failure, requiring diuretics or ejection fraction of less than 50%
7. Severe concomitant neurological or psychiatric disease
8. Pregnancy/lactation
9. Presence of any psychological, familial, sociological or geographical condition potentially hampering compliance with the study protocol and follow-up schedule; these conditions should be discussed with the patient before registration in the trial.
10. Patients will be excluded if an allograft is planned

Recruitment start date
17/01/2002

Recruitment end date
16/01/2008

Locations

Countries of recruitment
England

France

Germany

Switzerland

United Kingdom

Study participating centre
Department of Haematology
Birmingham
United Kingdom
B9 5SS

Sponsor information

Organisation
Heart of England NHS Foundation Trust (UK)

Sponsor details
Birmingham Heartlands Hospital
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not@provided.com

Sponsor type
Hospital/treatment centre

Website
http://www.heartofengland.nhs.uk

Funder(s)

Funder type
Research council

Funder Name
Medical Research Council (MRC) (UK)

Alternative Name(s)
Medical Research Council (United Kingdom), UK Medical Research Council, MRC

Funding Body Type
Government organisation

Funding Body Subtype
National government

Location
United Kingdom

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan
Not provided at time of registration

IPD sharing plan summary
Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	03/02/2011		Yes	No
Plain English results			26/10/2022	No	Yes