

UniversitätsKlinikum Heidelberg

Allogene Stammzelltransplantation: Jahresbericht 2014

Sektion Stammzelltransplantation

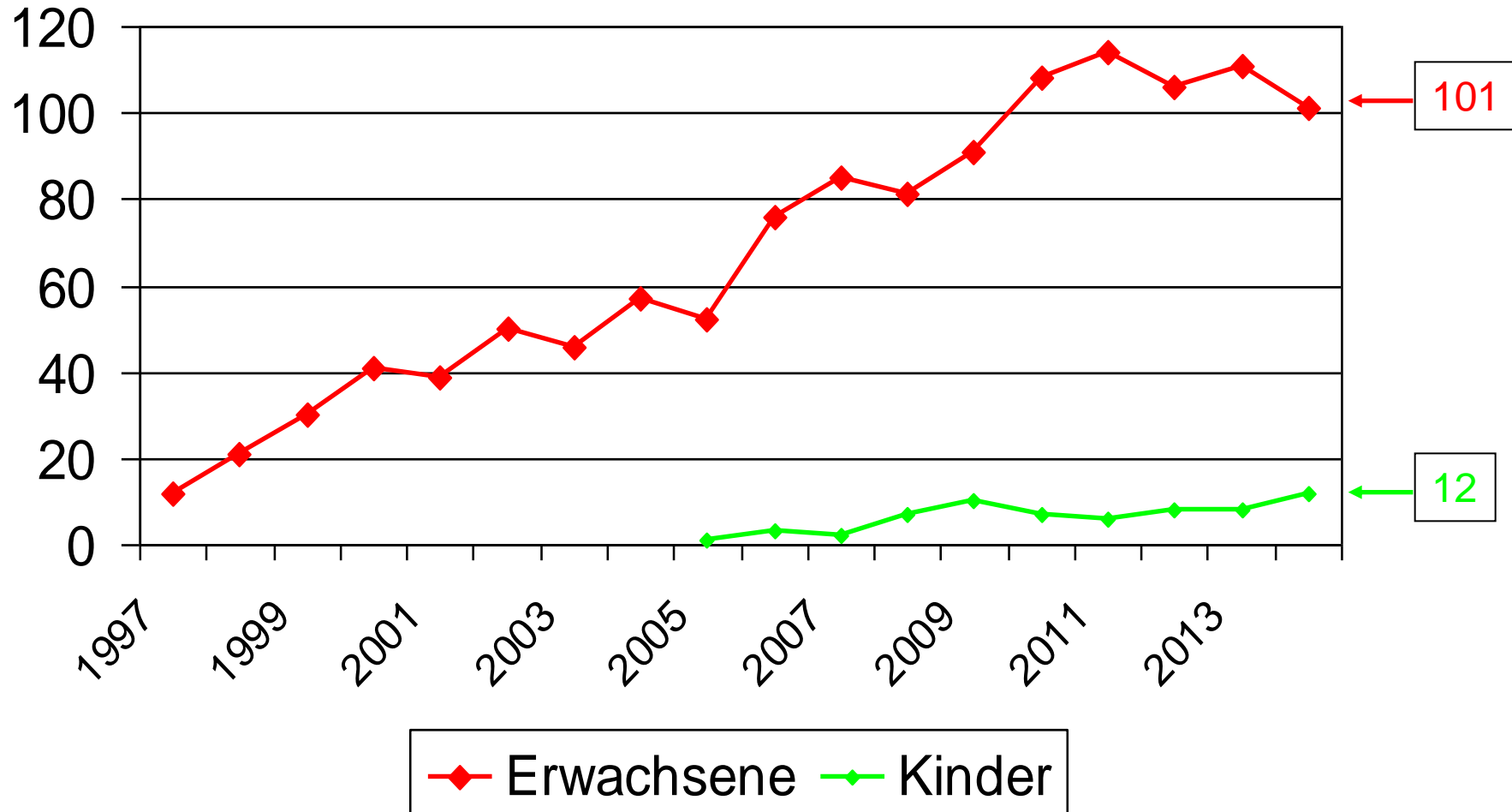
Klinik Innere Medizin V

Universitätsklinikum Heidelberg

Patientenzahlen

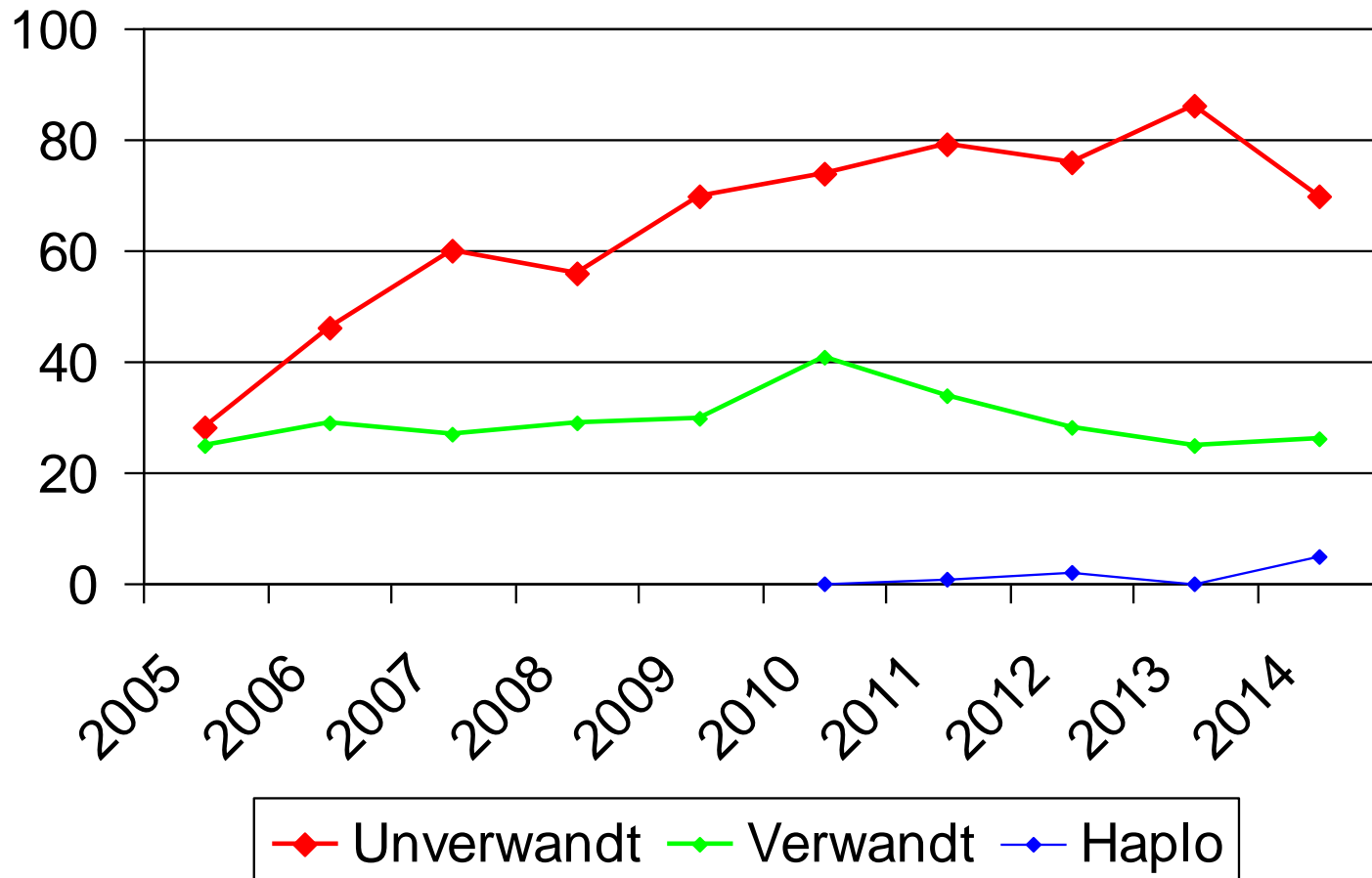


HD: allogene Transplantationszahlen



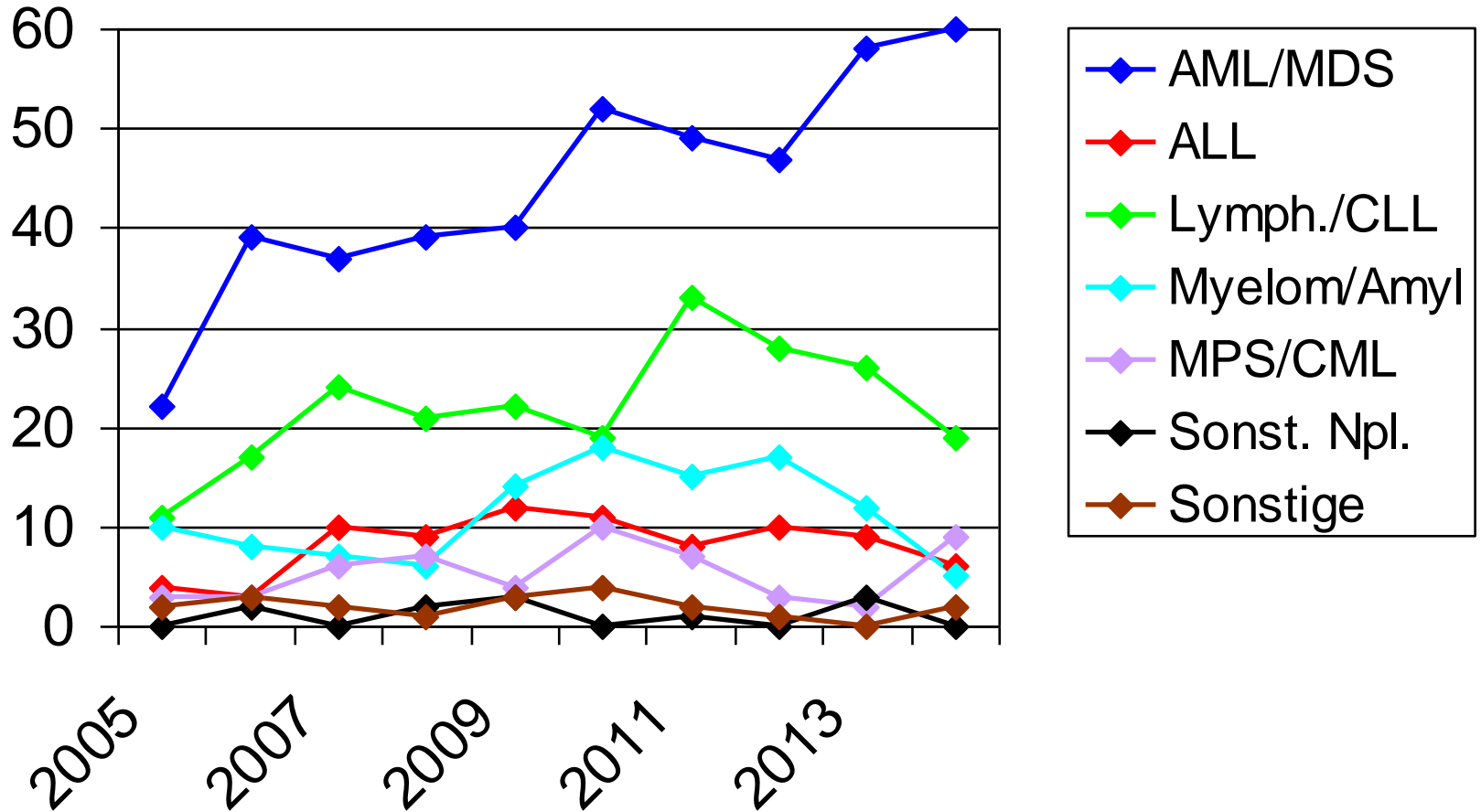


HD: Spender 2005-2014 (Erwachsene)



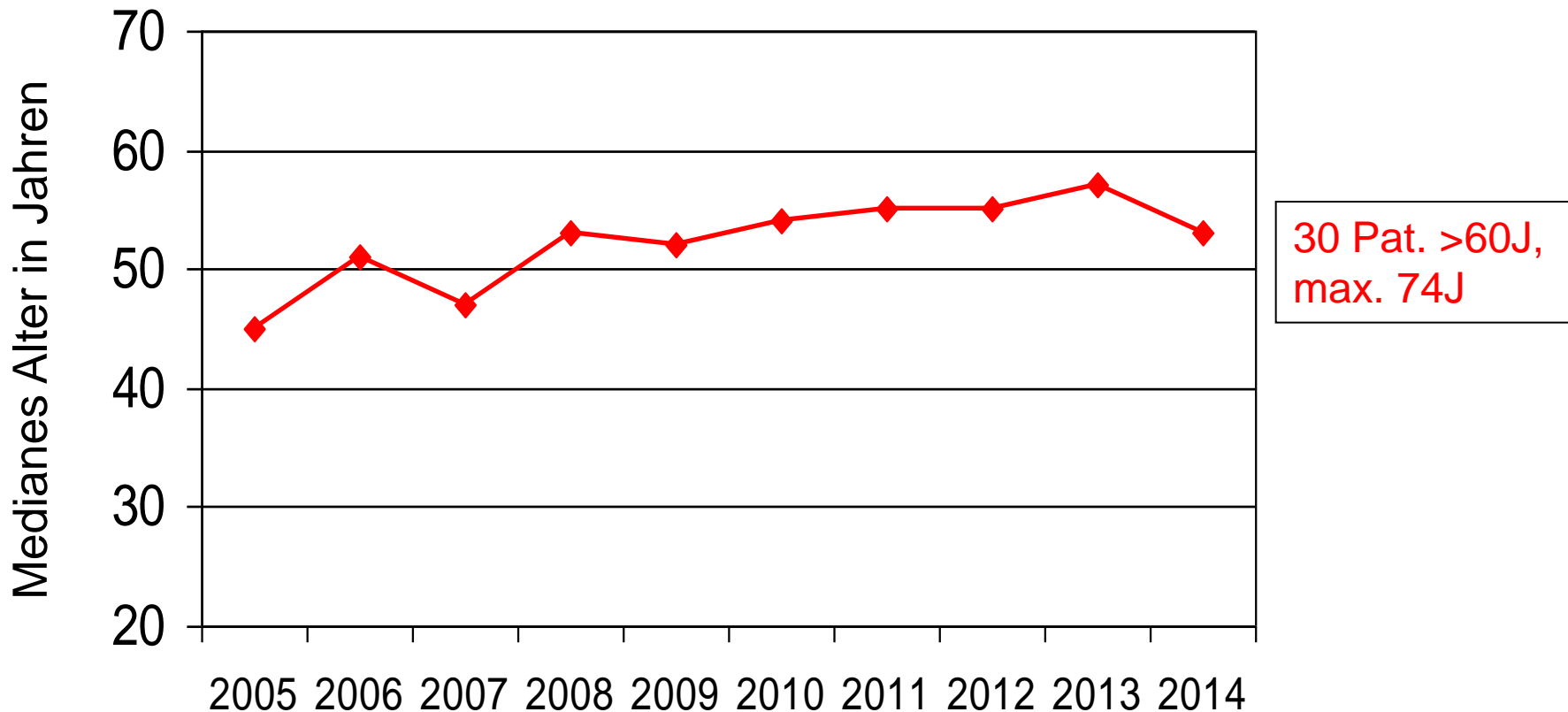


HD: Indikationen 2005-2014





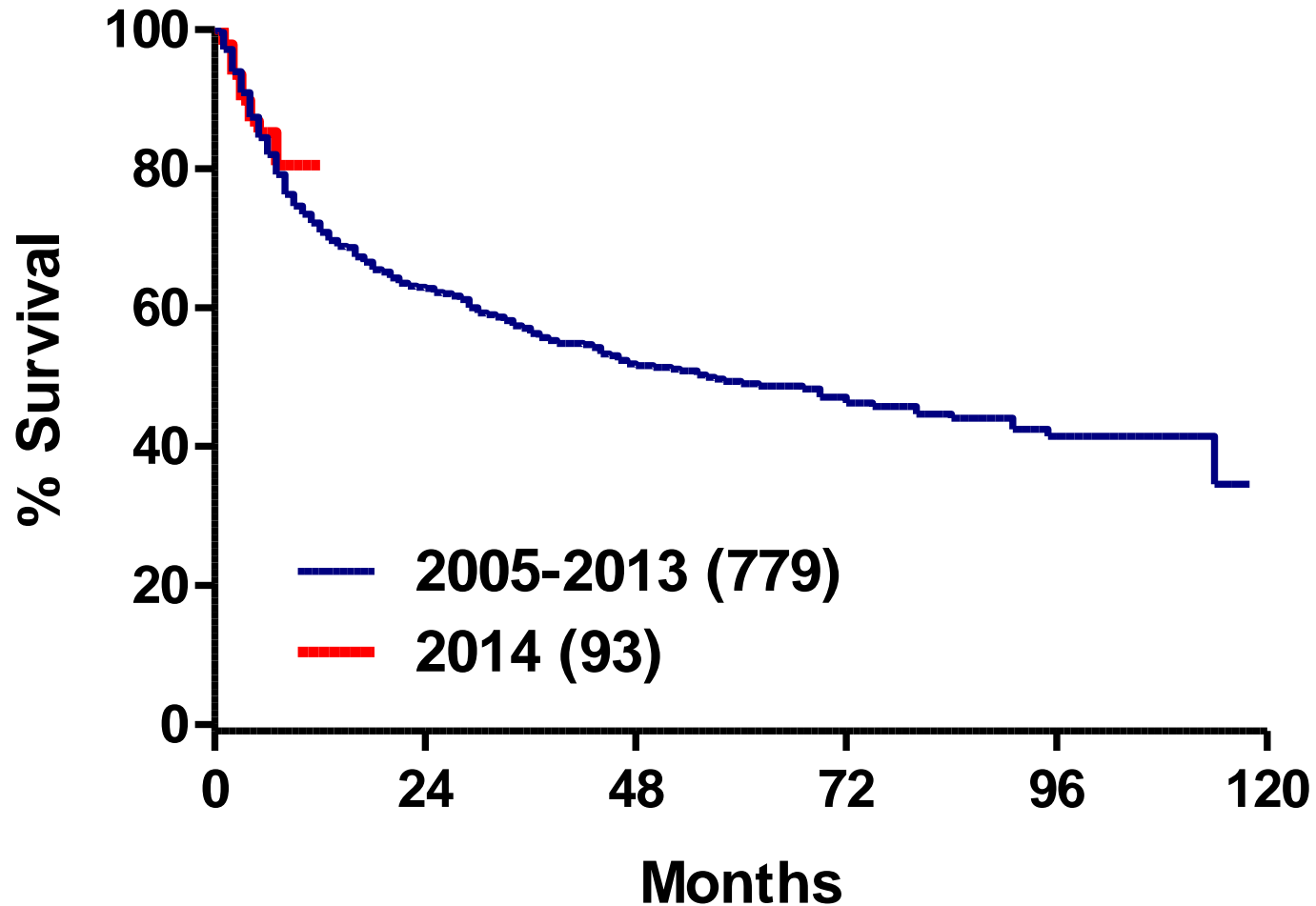
AlloH SCT: Entwicklung des medianen Patientenalters (Heidelberg 2005-2013, n=713)



Qualitätsindikatoren

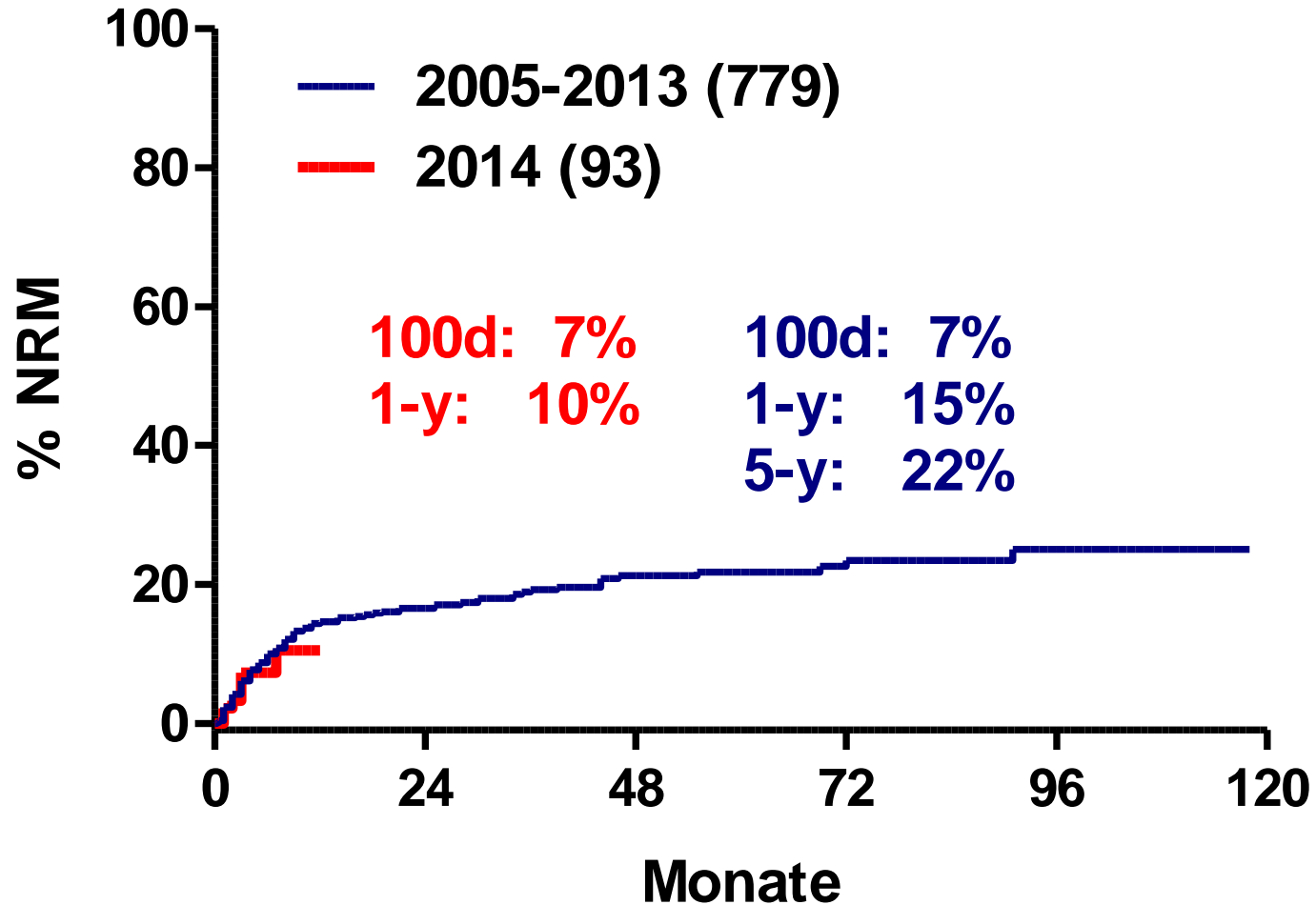


Overall survival by year (w/o 2nd allo)



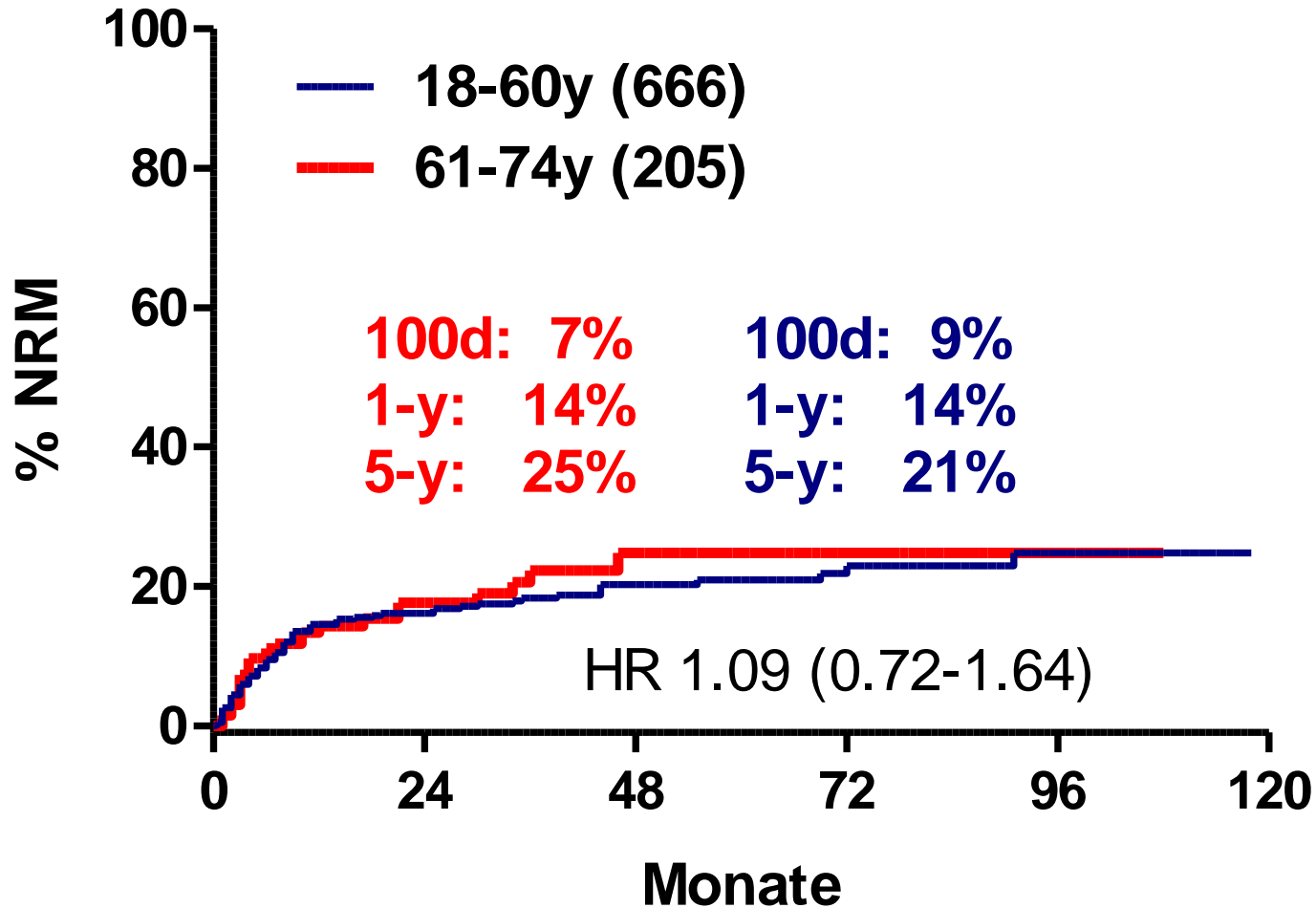


Non-relapse mortality by year



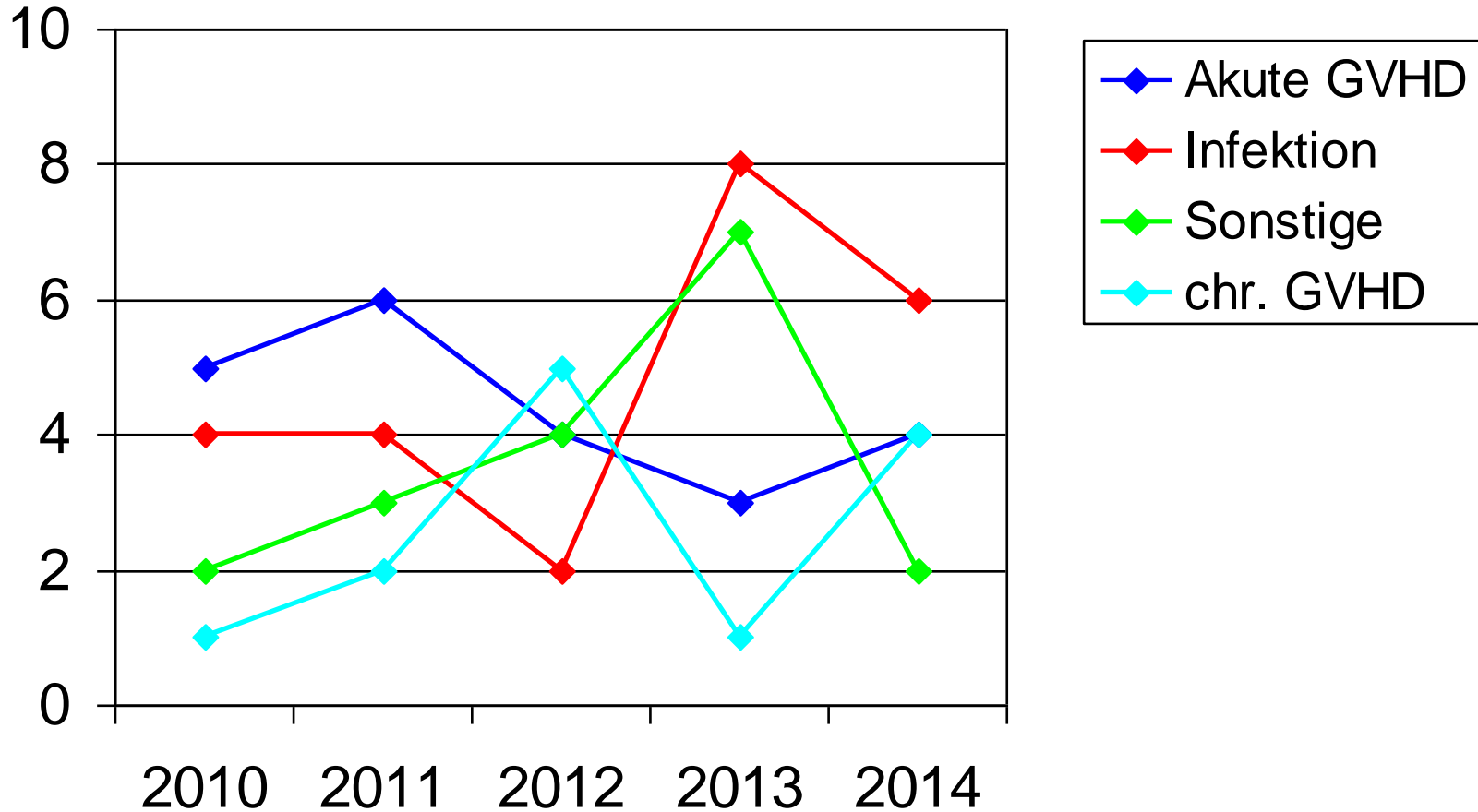


Non-relapse mortality by age



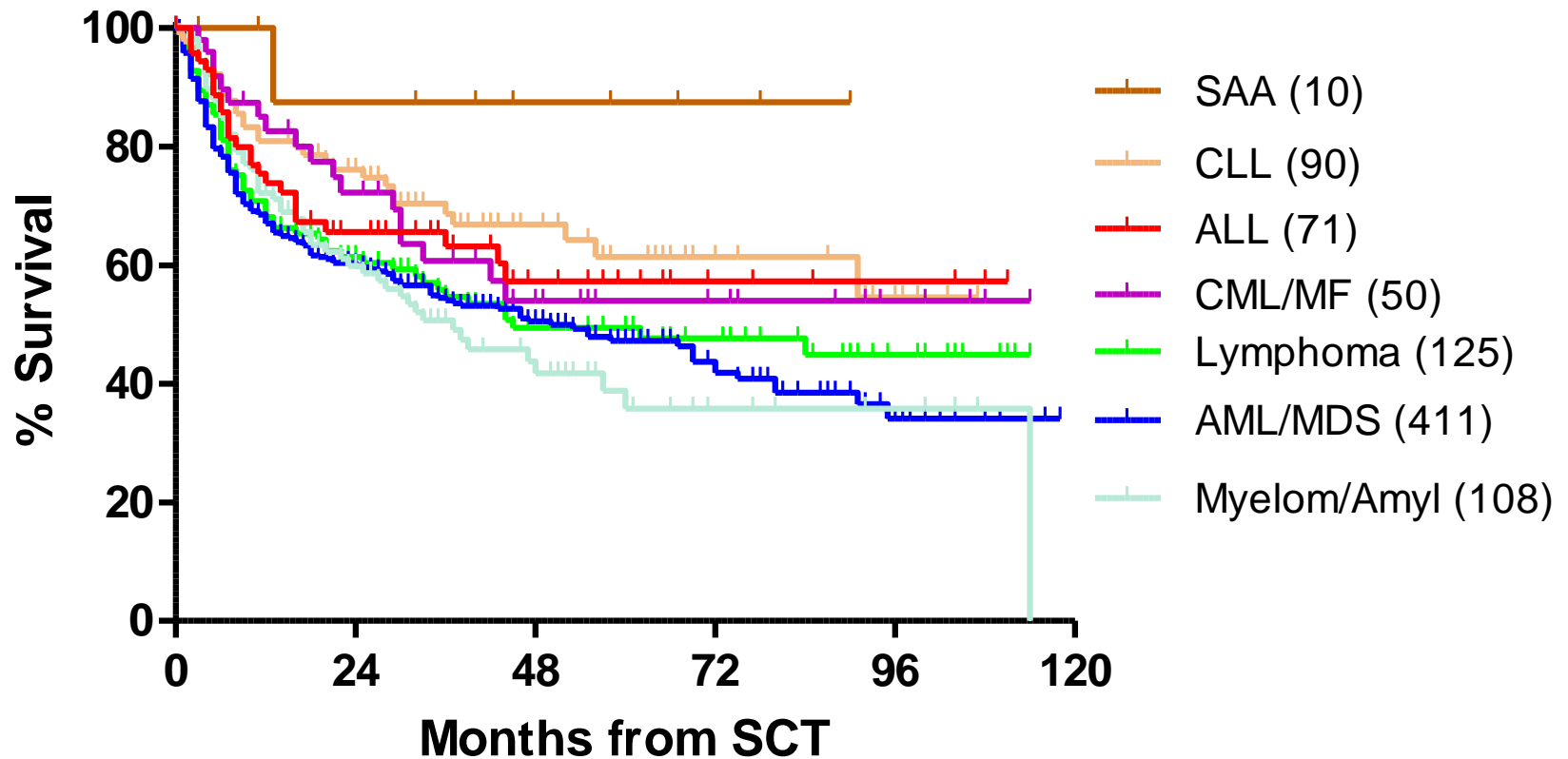


HD: Ursachen NRM 2010-2014





Heidelberg: OS after alloSCT by diagnosis (2005-2014)



Zweittransplantationen



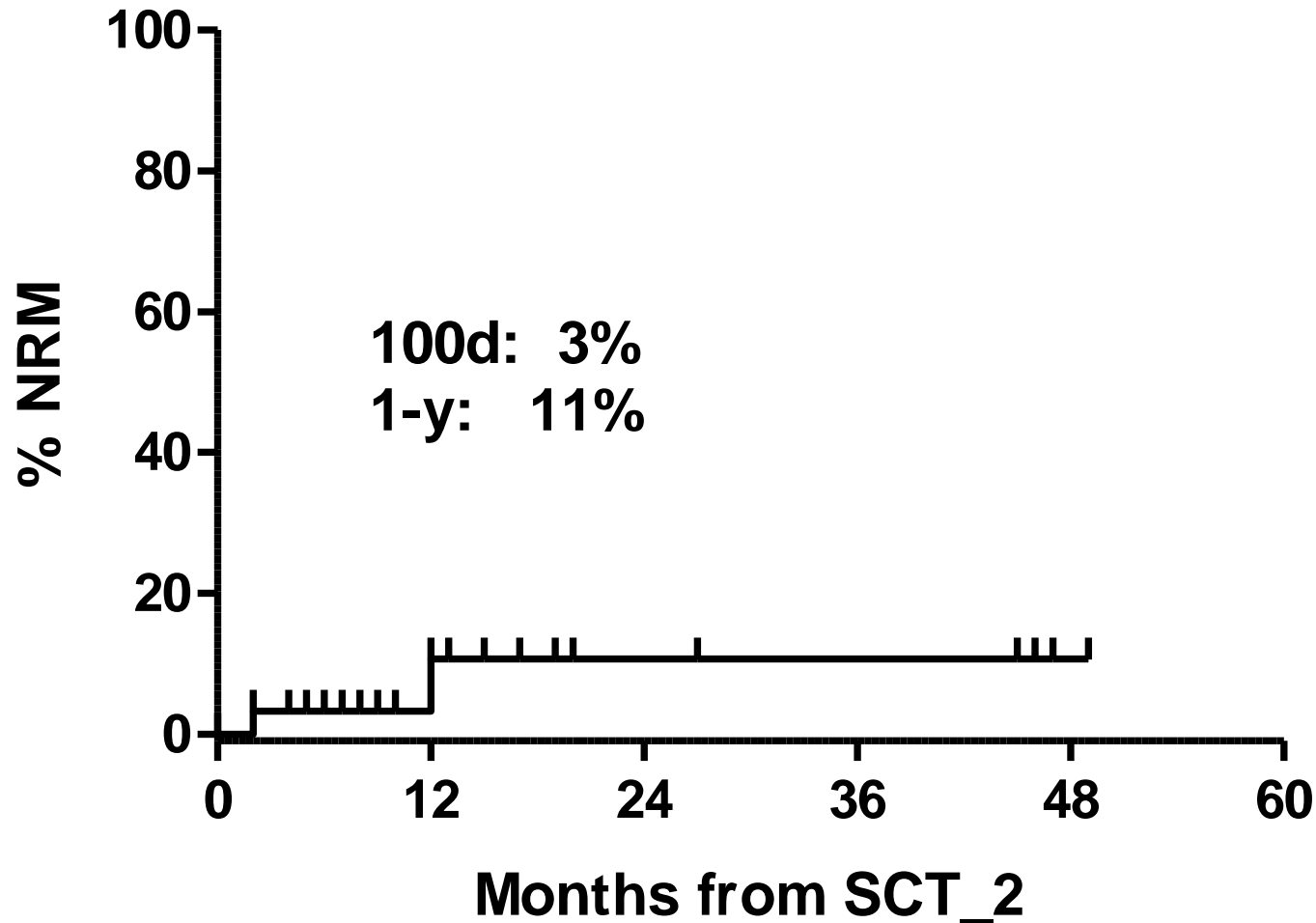
2nd alloH SCT: Patient characteristics

N=32	
Age	54 (20-67)
Sex male	22 (63%)
Diagnosis	
AML/MDS/CMML/MPS	24 (75%)
Lymphoma/CLL	3 (9%)
Myeloma	2 (6%)
ALL	3 (9%)
Donor	
SIB	4 (12%)
UD	28 (88%)
Time SCT1_Rel (mo)	17 (2-72)



Non-Relapse Mortality (SCT_2)

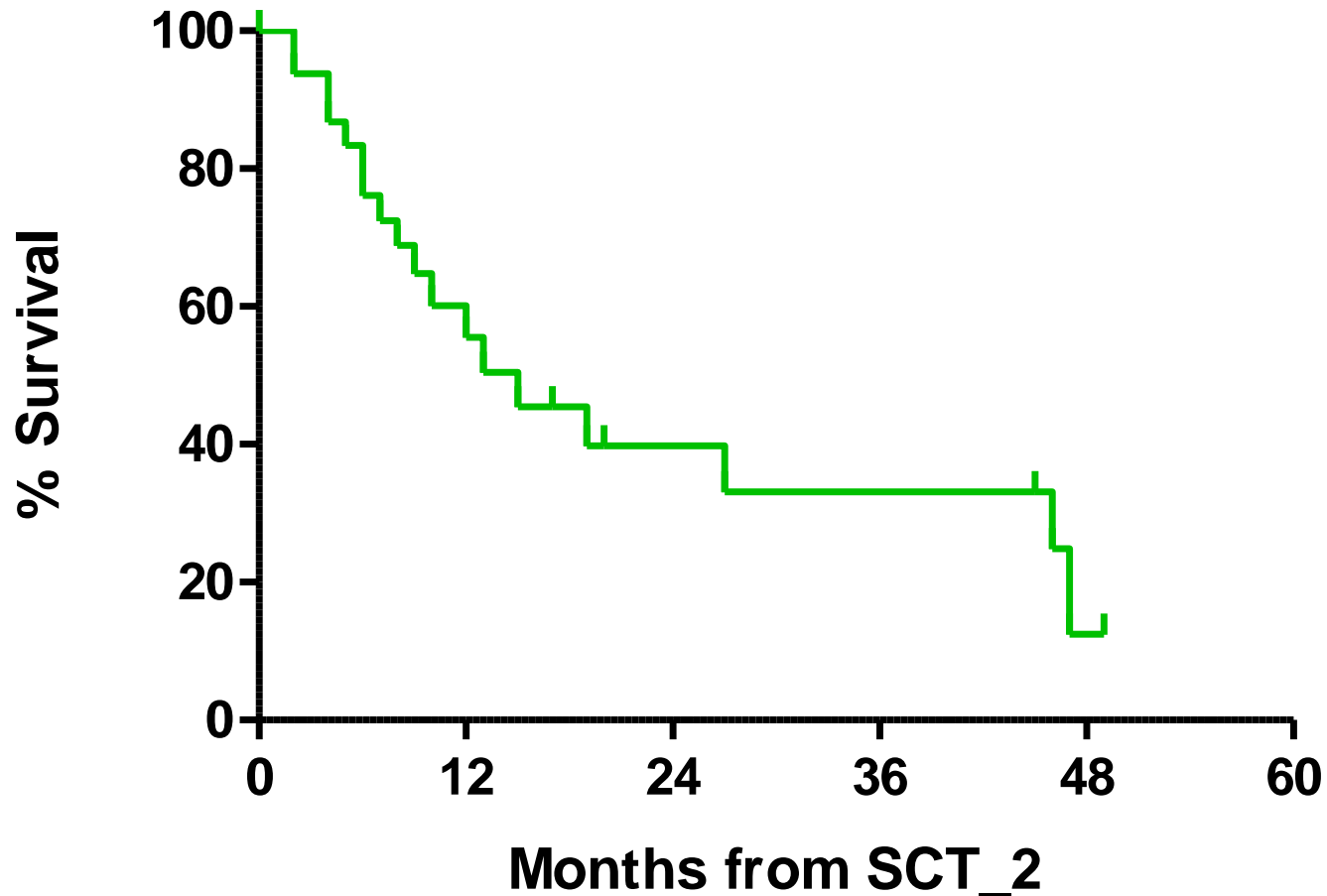
N=32





OS (SCT_2)

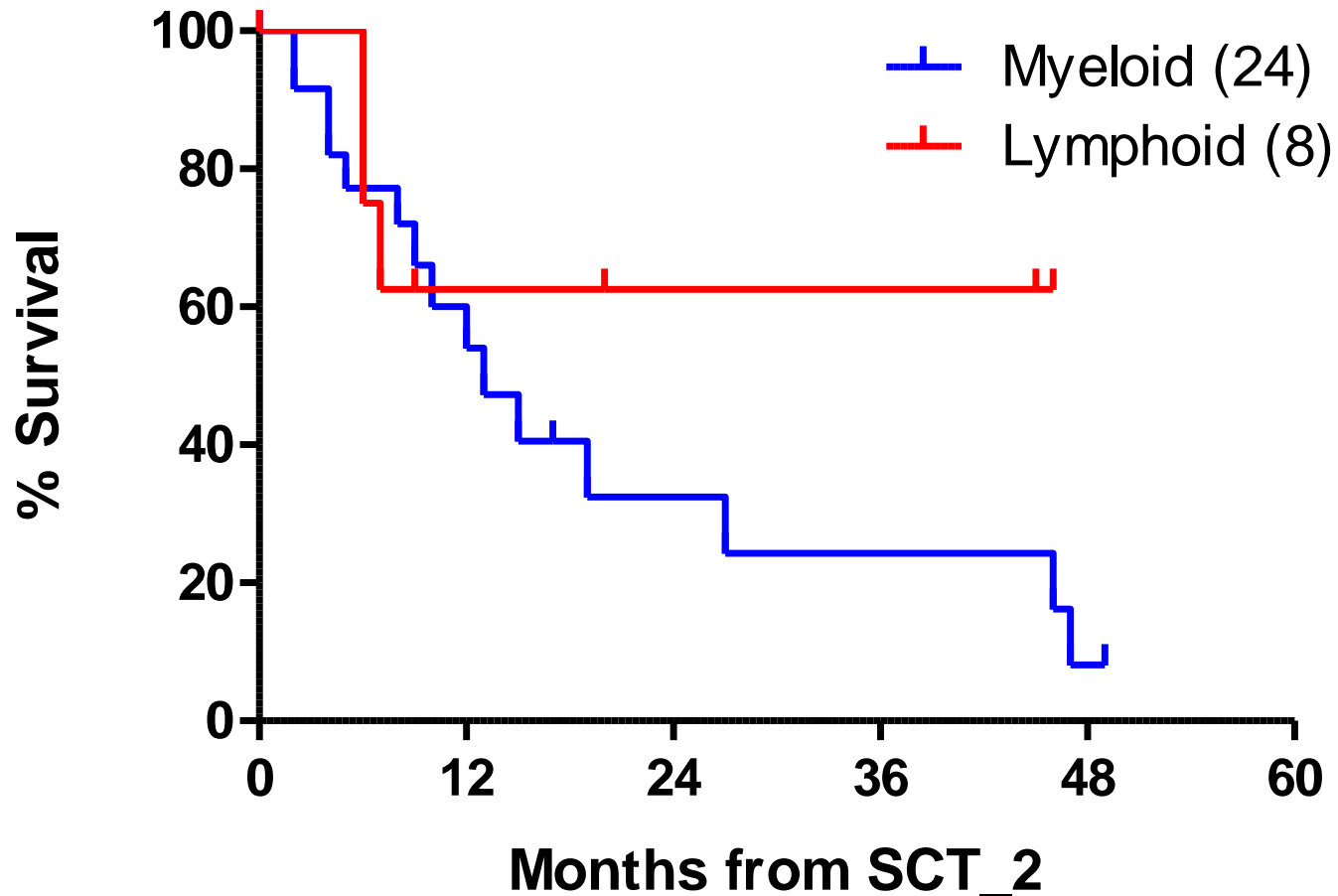
N=32





OS by diagnosis (SCT_2)

N=32



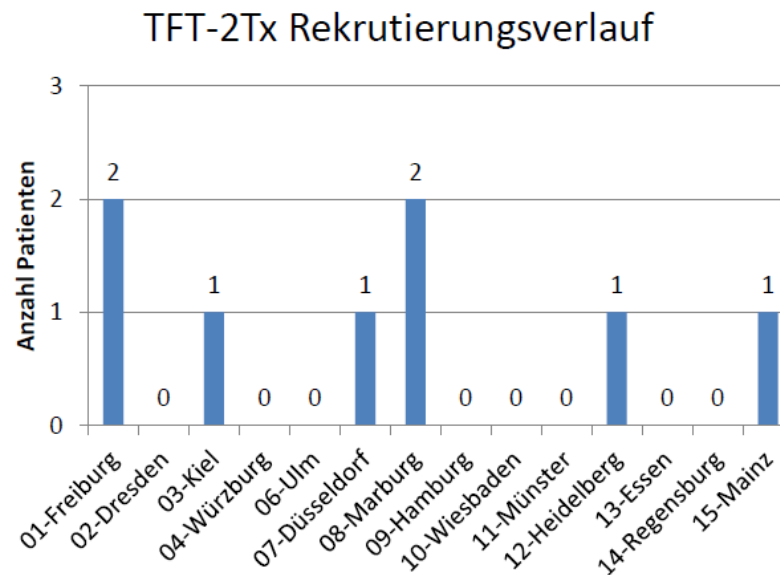
Title, Design, Main Diagnosis

Study Title:

- Thiotepa- Fludarabine- Treosulfan (TFT) conditioning for 2nd allogeneic PBSCT from a different unrelated donor in patients with AML relapsing from prior allogeneic HCT

Study Design:

- open label, non-randomized, single-arm, multi-center phase II

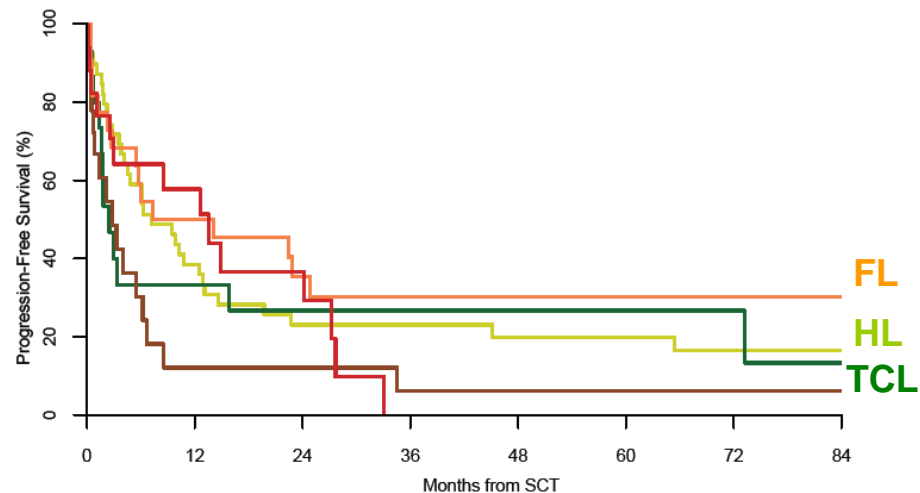
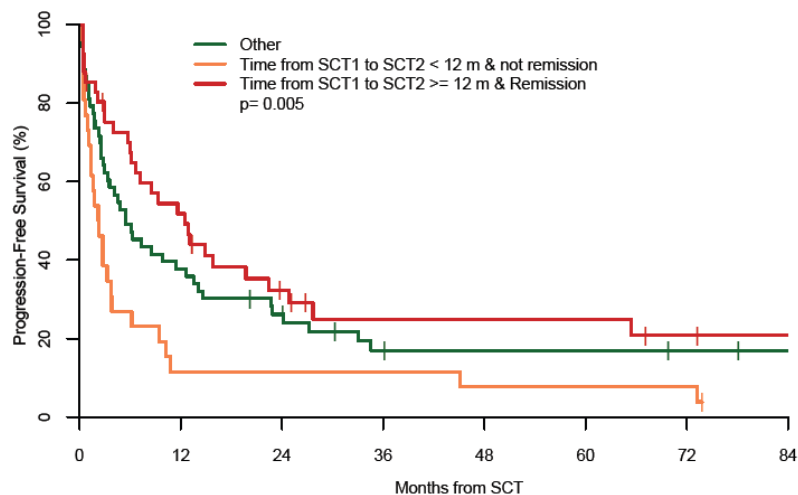


2nd allo in lymphoma

(n=140)

Second Allogeneic Stem Cell Transplantation in Patients with Lymphoma Relapse after a First Allogeneic Transplantation. A Retrospective Study of the EBMT Lymphoma Working Party.

Kristin Horstmann^{1,2}, Ariane Boumendil¹, Jürgen Finke³, Herve Finel¹, Edward Kanfer⁴, Giuseppe Milone⁵, Nigel Russell⁶, Andrea Bacigalupo⁷, Yves Chalandon⁸, Jose L. Diez-Martin⁹, Norbert Ibrah¹⁰, Manuel Jurado Chacon¹¹, and Peter Dreger^{1,2}



Zertifizierung & QM



The Joint Accreditation Committee ISCT-EBMT (JACIE)

hereby declares that

**Abteilung Innere Medizin V,
Universitätsklinikum Heidelberg
Heidelberg, Germany**

Alessandro Rambaldi
Chair, JACIE Committee

has been found to meet the standards as set out in the FACT-JACIE International Standards for Cellular Therapy, edition 5 in the following area(s):

**Autologous & Allogeneic Transplantation in Adult Patients
Collection of HPC, Marrow
Collection of HPC, Apheresis
Cell Processing - minimally manipulated**

Jörg Halter
Chair, JACIE Accreditations
Committee

Programme Director: Anthony D. Ho & Andreas Kulozik

CERTIFICATE NUMBER:

512

DATE OF ISSUE:

28/10/2014

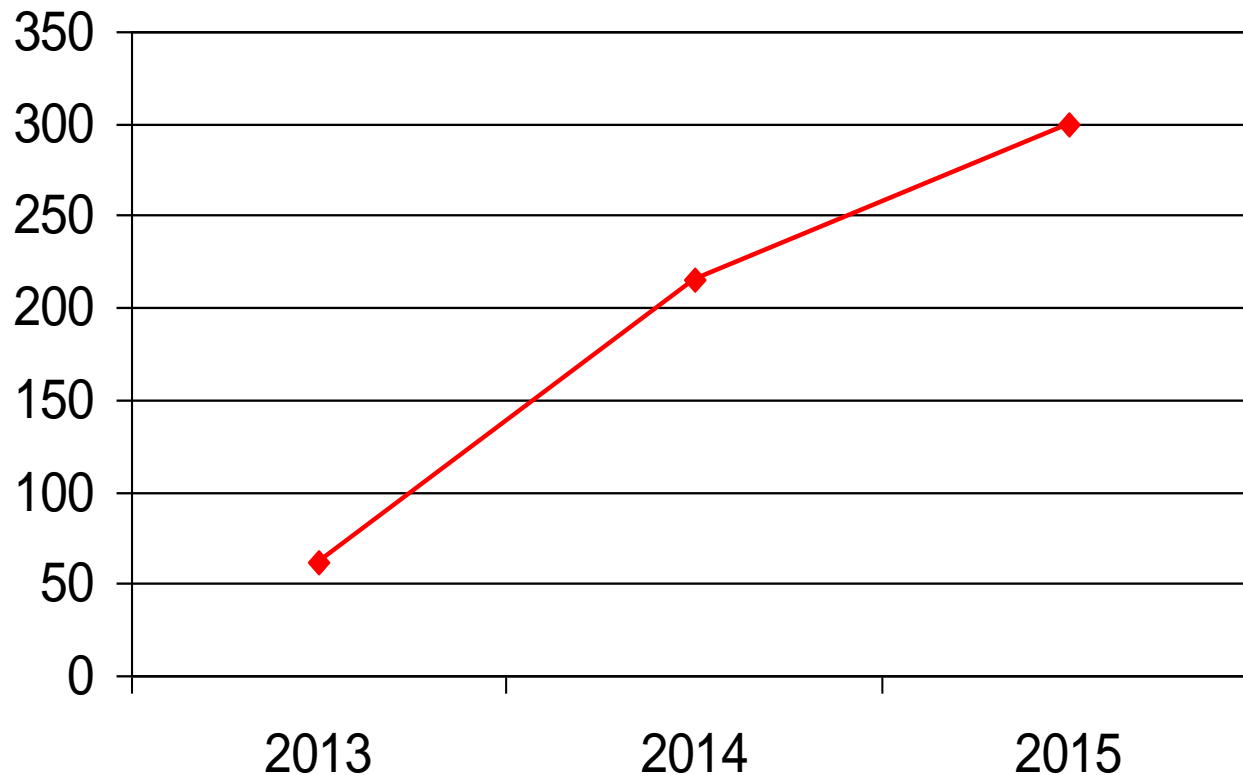
DATE OF EXPIRY:

27/10/2018



Extracorporale Photopherese seit 01.07.2013

(4x chr. GVHD , 7x akute GVHD, 3x CTCL)



Forschung



Allogene Stammzelltransplantation: Aktive Studien

Studie	Studienart	Thema	Sponsor	n
MC Flud T14	Phase-3 AMG	BuFlu vs TreoFlu	medac	40
Letermovir	Phase-3 AMG	CMV-Prophylaxe	MSD	6
CMV- Vakzinierung	Phase-2 AMG	Allo vs non-allo AML elderly	UK Ulm	10
OSHO AML2004	Phase-3 AMG	Allo vs non-allo AML elderly	UK Leipzig	95
TFT2	Phase-2 AMG	Zweit-allo AML	UK FR	1
STEMPACE	Phase-1/2 AMG	allo Pankreas-Ca.	UK HD	0
PETRA cont.	Non-AMG	Sport-Intervention	NCT	125+
ECP-Register	Register	ECP	Therakos	14

Publikationen 2014 (Auswahl)

Thema	Artikel	IF 2013
GVHD	Rachakonda SP, Penack O, Dietrich S , Blau O, Blau IW, Radujkovic A... Ho AD, Dreger P , Kumar R, Luft T . Single-Nucleotide Polymorphisms Within the Thrombomodulin Gene (THBD) Predict Mortality in Patients With Graft-Versus-Host Disease. <i>J Clin Oncol</i> 32:3421, 2014	18.038

VOLUME 32 · NUMBER 30 · OCTOBER 20 2014

JOURNAL OF CLINICAL ONCOLOGY

ORIGINAL REPORT

Single-Nucleotide Polymorphisms Within the Thrombomodulin Gene (*THBD*) Predict Mortality in Patients With Graft-Versus-Host Disease

Sivaramakrishna P. Rachakonda, Olaf Penack, Sascha Dietrich, Olga Blau, Igor Wolfgang Blau, Aleksandar Radujkovic, Berend Isermann, Anthony D. Ho, Lutz Uharek, Peter Dreger, Rajiv Kumar, and Thomas Luft

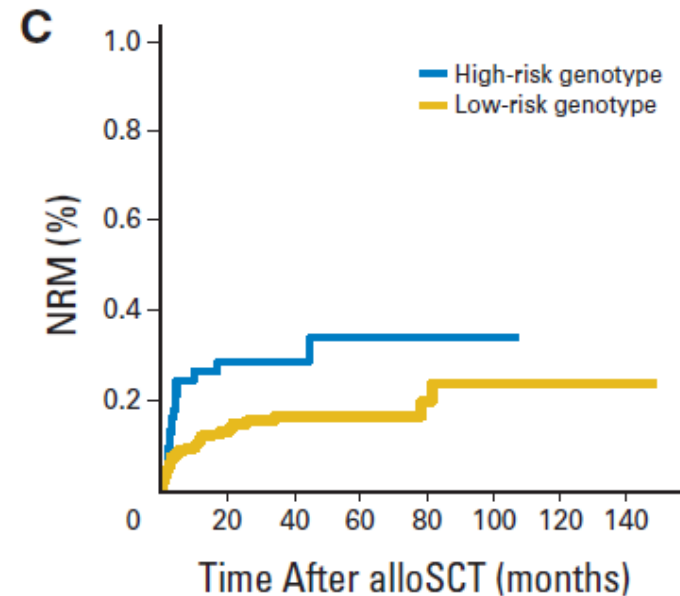
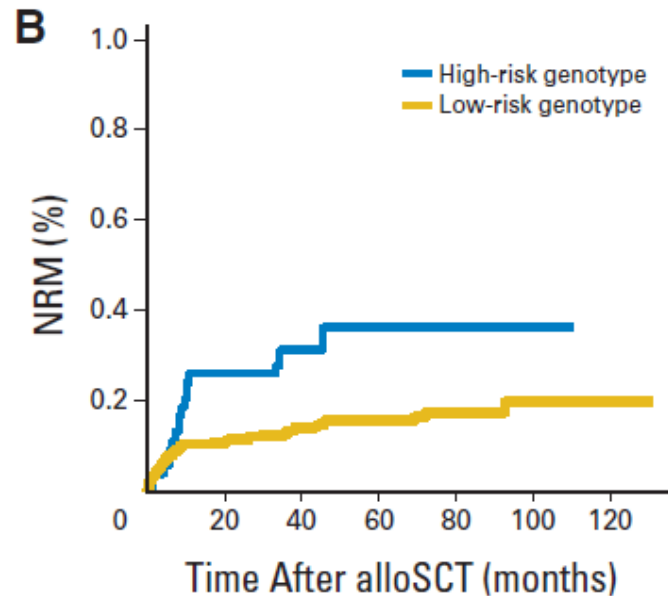
Publikationen 2014 (Auswahl)

Thema	Artikel	IF 2013
GVHD	Rachakonda SP, Penack O, Dietrich S , Blau O, Blau IW, Radujkovic A... Ho AD, Dreger P , Kumar R, Luft T . Single-Nucleotide Polymorphisms Within the Thrombomodulin Gene (THBD) Predict Mortality in Patients With Graft-Versus-Host Disease. <i>J Clin Oncol</i> 32:3421, 2014	18.038

VOLUME 32 · NUMBER 30 · OCTOBER 20 2014

JOURNAL OF CLINICAL ONCOLOGY

ORIGINAL REPORT



Publikationen 2014 (Auswahl)

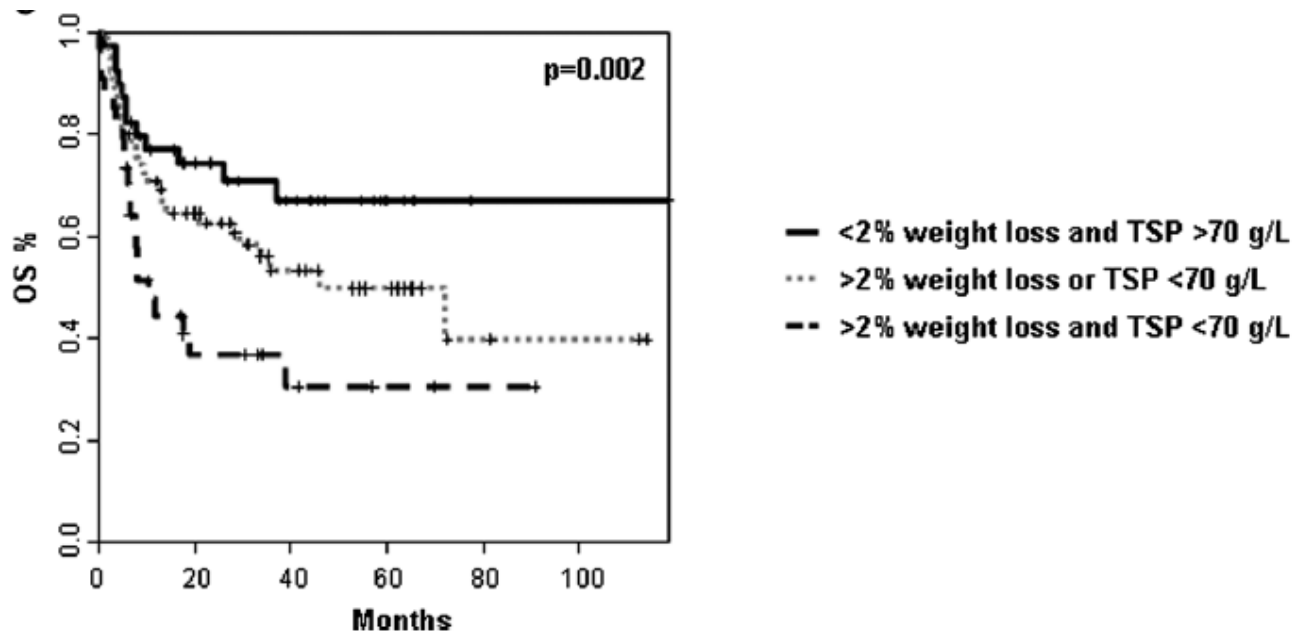
Thema	Artikel	IF 2013
GVHD	Rachakonda SP, Penack O, Dietrich S , Blau O, Blau IW, Radujkovic A... Ho AD, Dreger P , Kumar R, Luft T . Single-Nucleotide Polymorphisms Within the Thrombomodulin Gene (THBD) Predict Mortality in Patients With Graft-Versus-Host Disease. <i>J Clin Oncol</i> 32:3421, 2014	18.038
Metabolic stress / aging	Dietrich S, Radujkovic A , Stolzel F, Falk CS, Benner A, Schaich M ... Krämer A, Hegenbart U, Ho AD, Dreger P, Luft T . Pretransplant Metabolic Distress Predicts Relapse of Acute Myeloid Leukemia After Allogeneic Stem Cell Transplantation. <i>Transplantation</i> 2014 Oct 21 online.	3.535

Pretransplant Metabolic Distress Predicts Relapse of Acute Myeloid Leukemia After Allogeneic Stem Cell Transplantation

Sascha Dietrich,¹ Aleksandar Radujkovic,¹ Friedrich Stölzel,² Christine S. Falk,³ Axel Benner,⁴ Markus Schaich,² Martin Bornhäuser,² Gerhard Ehninger,² Alwin Krämer,¹ Ute Hegenbart,¹ Anthony D. Ho,¹ Peter Dreger,¹ and Thomas Luft^{1,5}

Publikationen 2014 (Auswahl)

Thema	Artikel	IF 2013
GVHD	Rachakonda SP, Penack O, Dietrich S , Blau O, Blau IW, Radujkovic A... Ho AD, Dreger P , Kumar R, Luft T . Single-Nucleotide Polymorphisms Within the Thrombomodulin Gene (THBD) Predict Mortality in Patients With Graft-Versus-Host Disease. <i>J Clin Oncol</i> 32:3421, 2014	18.038
Metabolic stress / aging	Dietrich S, Radujkovic A , Stolzel F, Falk CS, Benner A, Schaich M ... Krämer A, Hegenbart U, Ho AD, Dreger P, Luft T . Pretransplant Metabolic Distress Predicts Relapse of Acute Myeloid Leukemia After Allogeneic Stem Cell Transplantation. <i>Transplantation</i> 2014 Oct 21 online.	3.535



Publikationen 2014 (Auswahl)

Thema	Artikel	IF 2013
GVHD	Rachakonda SP, Penack O, Dietrich S , Blau O, Blau IW, Radujkovic A... Ho AD, Dreger P , Kumar R, Luft T . Single-Nucleotide Polymorphisms Within the Thrombomodulin Gene (THBD) Predict Mortality in Patients With Graft-Versus-Host Disease. <i>J Clin Oncol</i> 32:3421, 2014	18.038
Metabolic stress / aging	Dietrich S, Radujkovic A , Stolzel F, Falk CS, Benner A, Schaich M ... Krämer A, Hegenbart U, Ho AD, Dreger P, Luft T . Pretransplant Metabolic Distress Predicts Relapse of Acute Myeloid Leukemia After Allogeneic Stem Cell Transplantation. <i>Transplantation</i> 2014 Oct 21 online.	3.535
Metabolic stress / aging	Weidner CI, Ziegler P, Hahn M , Brummendorf TH, Ho AD, Dreger P, Wagner W . Epigenetic aging upon allogeneic transplantation: the hematopoietic niche does not affect age-associated DNA methylation. <i>Leukemia</i> 2014 Nov 12 online	9.379
CLL SCT	Herth I, Dietrich S , Benner A, Hegenbart U, Rieger M, Stadtherr P, Bondong A, Tran TH ... Meissner J, Schönland S, Witzens-Harig M, Ho AD, Zenz T, Ho AD, Dreger P . The impact of allogeneic stem cell transplantation on the natural course of poor-risk chronic lymphocytic leukemia as defined by the EBMT consensus criteria: a retrospective donor versus no donor comparison. <i>Ann Oncol</i> 2014; 25: 200-206	6.578
Sport und SCT	Kuehl R , Scharhag-Rosenberger F, Schommer K, Schmidt ME, Dreger P , Huber G, Bohus M, Ulrich CM, Wiskemann J . Exercise intensity classification in cancer patients undergoing allogeneic SCT. <i>Med Sci Sports Exerc</i> 2014 Sep 8 online	4.459

Publikationen 2014 (Auswahl)

Thema	Artikel	IF 2013
EBMT-Studien	Dietrich S , Boumendil A, Finel H, Avivi I, Volin L, Cornelissen J... Dreger P. Outcome and prognostic factors in patients with mantle-cell lymphoma relapsing after autologous stem cell transplantation: A retrospective study of the EBMT. <i>Ann Oncol</i> 2014; 25: 1053	6.578
	El-Najjar I, Boumendil A, Luan JJ, Bouabdallah R, Mohty M ... Dreger P. The impact of total body irradiation on the outcome of patients with follicular lymphoma treated with autologous stem cell transplantation in the modern era. A retrospective study of the EBMT Lymphoma Working Party. <i>Ann Oncol</i> 2014; 25: 2224	6.578
	Duarte RF, Boumendil A... Dreger P. Long-Term Outcome of Allogeneic Hematopoietic Cell Transplantation for Patients With Mycosis Fungoides and Sezary Syndrome: A European Society for Blood and Marrow Transplantation Lymphoma Working Party Extended Analysis. <i>J Clin Oncol</i> 2014; 32: 3347	18.038
	Horstmann K , Boumendil A, Finke J, Finel H, Kanfer E, Milone G... Dreger P. Second Allogeneic Stem Cell Transplantation in Patients with Lymphoma Relapse after a First Allogeneic Transplantation. A Retrospective Study of the EMBT Lymphoma Working Party. <i>Bone Marrow Transplant</i> 2015; in press	3.466
	Tanase A, Schmitz N, Stein H, Boumendil A, Finel H, Castagna L ... Dreger P. Allogeneic and Autologous Stem Cell Transplantation for hepatosplenic T cell lymphoma: A retrospective study of the EBMT Lymphoma Working Party. <i>Leukemia</i> 2014 Sep 19 online.	9.379

Publikationen 2014 (Auswahl)

Thema	Artikel	IF 2013
Guide- lines	Robinson S, Dreger P , Caballero D, Corradini P, Geisler C, Ghielmini M <i>et al.</i> The EBMT/EMCL consensus project on the role of autologous and allogeneic stem cell transplantation in mantle cell lymphoma. <i>Leukemia</i> 2015; 29:464	9.379
	Dreger P , Schetelig J, Andersen N, Corradini P, van Gelder M, Gribben J <i>et al.</i> Managing high-risk chronic lymphocytic leukemia during transition to a new treatment era: Stem cell transplantation or novel agents? A position statement of the European Research Initiative on CLL (ERIC) and the European Society for Blood and Marrow Transplantation (EBMT). <i>Blood</i> 2014; 124: 3841	9.775
	Wendtner CM, Dreger P , Gregor M, Greil R, Knauf WU, Pritzkuleit R <i>et al.</i> Leitlinie Chronische Lymphatische Leukämie (CLL). Freund, M, Wörmann, B (eds.). <i>Onkopedia Leitlinien</i> November 2014 www.dgho-onkopedia.de	-



Managing high-risk CLL during transition to a new treatment era: stem cell transplantation or novel agents?

Peter Dreger,¹ Johannes Schetelig,^{2,3} Niels Andersen,⁴ Paolo Corradini,⁵ Michel van Gelder,⁶ John Gribben,⁷ Eva Kimby,⁸ Mauricette Michallet,⁹ Carol Moreno,¹⁰ Stephan Stilgenbauer,¹¹ and Emili Montserrat,¹² on behalf of the European Research Initiative on CLL (ERIC) and the European Society for Blood and Marrow Transplantation (EBMT)

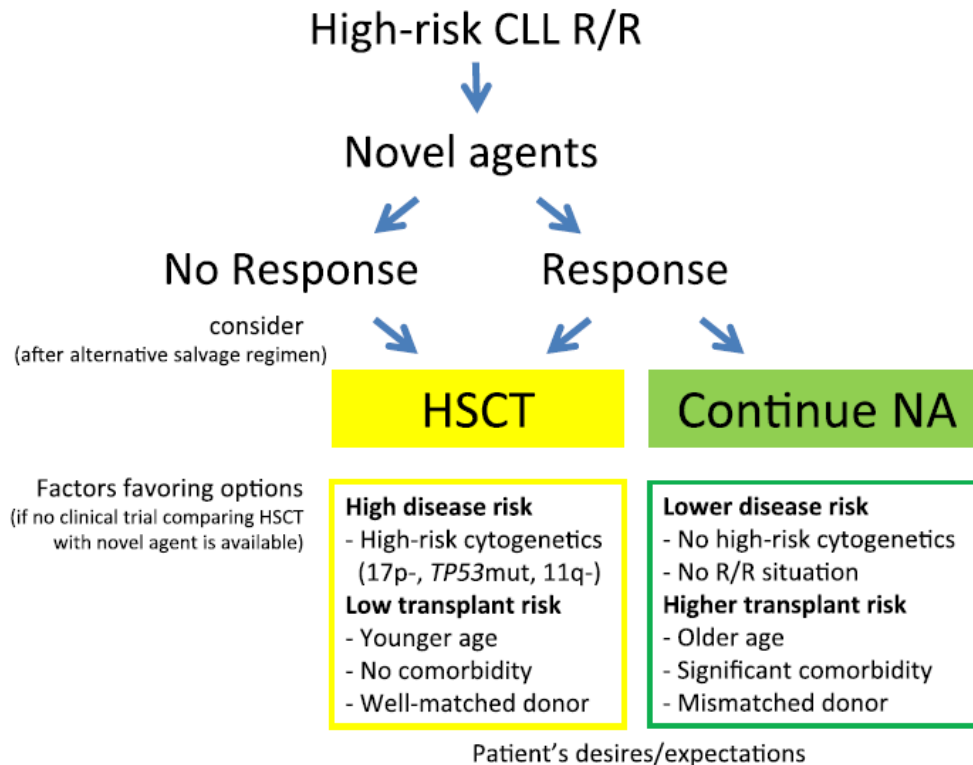


Figure 1. Decision tree for HR-CLL. NA, novel agents.

Veranstaltungen 2015

LWP Educational Course 2015

Treatment of lymphoma and the role of SCT

- Venue: Heidelberg
IWH
- Sept 24-26, 2015
- 50 Attendees from
all over Europe
- Int. expert faculty
- All aspects of
lymphoma treatment
and transplantation



DAG-KBT
*„Transplant
Academy“*

November 2015
in Heidelberg



DEUTSCHE ARBEITSGEMEINSCHAFT
FÜR KNOCHENMARK- UND
BLUTSTAMMZELLTRANSPLANTATION e.V.

FORTBILDUNGS-
VERANSTALTUNG
„TRANSPLANT ACADEMY“



“Allo” sind...

„von Dusch“

ML Knee

R Gruß

R Adam

...und das Team!

Station

M Schiller

N Baran

J Brandt

A Doerffel

M Hahn

S Kierschke

S Rohlfing

L Sellner

S Welte

A Martin

G Rüger

Sport

R Kühl

J Wiskemann

& Team

Koordination

P Stadtherr

I Opitz

A Herrmann

Psychologie

D Tönnessen

Ambulanz

T Luft

S Schönland

T Bochtler

I Krämer

S Shah

K Zerfass

S Zink

ECP

A Schmitt

R Alexi

M Schmitt

P Wuchter

Case Manager

A Bondong

M Wegner

Labor

T Luft

S Dietrich

M Hess

A Radujkovic

N Lehnert

K Schmidt

M Schwarzbich

R Schulz & Team

HLA

H Tran

K Nerbel

& Team

**Impfen &
Zelltherapie**

M Schmitt

& Team

Sozialdienst

A Bergner

G Daiß

S Sontowski

Studienzentrale

AM Geueke

J Klemmer

F Michel

& Team

Anleitung

U Hegenbart

P Dreger

Early Bird Team

J Meissner

JW Schmier

AD Ho

**...alle Mitarbeiter
der MedV !**