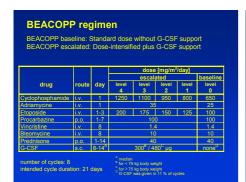
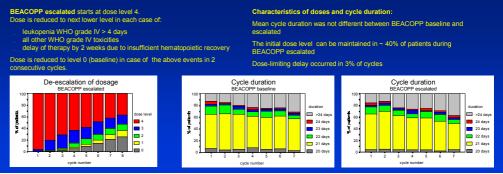
Acute hematotoxicity of the BEACOPP chemotherapy regimen: Experience from the HD9 study of the German Hodgkin's Lymphoma Study Group (GHSG)

C. Engel ¹, H. Tesch ¹, H. Franke ², M. Loeffler ², V. Diehl ¹, S. Schmitz ¹

¹ Klinik I für Innere Medizin, Universität zu Köln, Germany ² Institut für Medizinische Informatik, Statistik und Epidemiologie, Universität Leipzig, Germany





Leukocytes

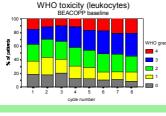
Increased frequency of WHO grade IV toxicity in BEACOPP escalated vs. baseline

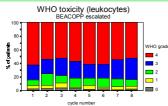
No significant difference in severity of infections between BEACOPP baseline and escalated

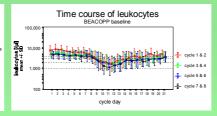
No increase of toxicity over consecutive cycles

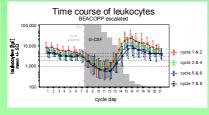
Median duration of G-CSF treatment was 7 days in BEACOPP escalated

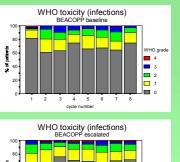
Dose-limiting toxicity occurred in

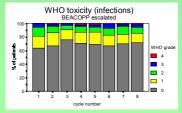












Platelets

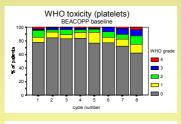
BEACOPP escalated:

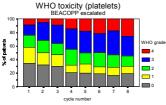
Thrombocyte counts did not fully recover to inital values within 21

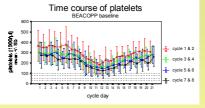
Increase of WHO toxicity over consecutive cycles

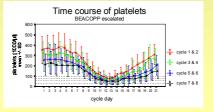
27% of patients received platelet transfusions

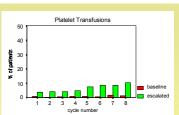
Dose-limiting toxicity occurred in 13% of cycles











Patients having platelet transfusion(s) during chemotherapy

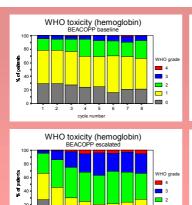
	female	male	sum
baseline	3%	3%	3%
escalated	31%	24%	27%

Hemoglobin

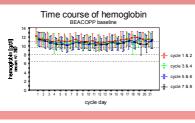
BEACOPP escalated:

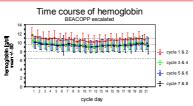
68% of patients received erythrocyte transfusions during BEACOPP escalated

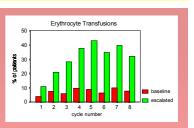
Median number of transfused units in transfused patients was: BEACOPP baseline: 4 BEACOPP escalated: 6



support (platelet and erythrocyte transfusions).







Patients having erythrocyte transfusion(s) during chemotherapy

	female	male	sum
baseline	36%	16%	23%
escalated	77%	63%	68%

Summary

Hematotoxicity of all lineages was increased during BEACOPP escalated compared with BEACOPP baseline No difference in rate of infections was observed between BEACOPP baseline and BEACOPP escalated.

Increased toxicity to thrombopoiesis and erythropoiesis during BEACOPP escalated required an increased need for blood cell

(documented until Jan '98): REACOPP baseline:

Data