

Defining the dose of gemtuzumab ozogamicin in combination with induction chemotherapy in acute myeloid leukemia: a comparison of 3 mg/m² with 6 mg/m² in the NCRI AML17 Trial

Alan Burnett,¹ Jamie Cavenagh,² Nigel Russell,³ Robert Hills,¹ Jonathan Kell,⁴ Gail Jones,⁵ Ove Juul Nielsen,⁶ Asim Khwaja,⁷ Ian Thomas,¹ and Richard Clark⁸ on behalf of the UK NCRI AML Study Group

¹Department of Haematology, Cardiff University School of Medicine, UK; ²Department of Haematology, St Bartholomew's Hospital, West Smithfield, London UK; ³Department of Haematology, Nottingham University Hospital NHS Trust, UK; ⁴Department of Haematology, University Hospital of Wales, Cardiff, UK; ⁵Department of Haematology, Newcastle Teaching Hospitals NHS Trust, UK; ⁶Department of Haematology, Rigshospitalet, Copenhagen, Denmark; ⁷Department of Haematology, University College, London Cancer Institute, UK; and ⁸Department of Haematology, Royal Liverpool University Hospital, UK

©2016 Ferrata Storti Foundation. This is an open-access paper. doi:10.3324/haematol.2016.141937

Received: January 5, 2016.

Accepted: February 23, 2016.

Pre-published: February 26, 2016.

Correspondence: akburnett719@gmail.com

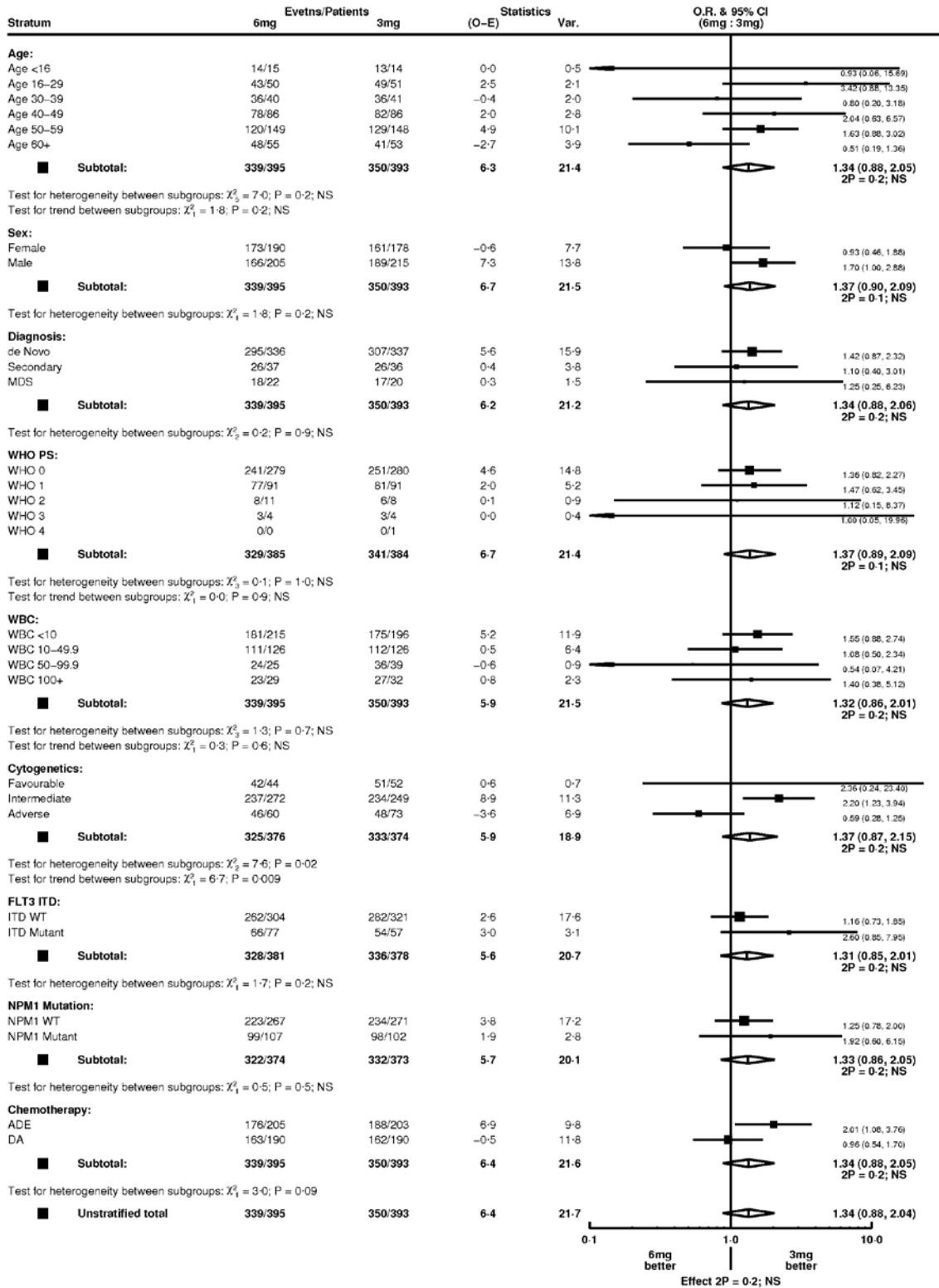
Supplementary Table 1: Recovery and Supportive Care in GO Dose Randomisation

Type of Care	Course	Randomisation		2p-value
		G06	G03	
Neutrophil recovery (median From start of course)	1	31	31	0.4
	2	29	30	0.2
Platelet recovery (median From start of course)	1	31	29	0.02
	2	34	33	0.5
Blood (mean units)	1	10.7	10.1	0.06
	2	6.0	6.0	0.8
Platelets (mean units)	1	16.1	12.2	<.0001
	2	6.2	6.2	0.3
Antibiotics (mean days)	1	21.2	19.7	0.05
	2	10.6	10.1	0.9
Hospitalisation (mean days)	1	34.3	33.0	0.6
	2	24.5	24.9	0.5
Hospitalisation (median days)	1	32	31	
	2	24	24	

† Logrank test. * Wilcoxon test

Supplementary Figure 1: Stratified analysis of remission

AML17: GO Dose Complete Remission



The following physicians entered patients:

Aalborg Hospital: Maria Kallenbach; **Aarhus University Hospital:** Hans Beier Ommen, Jan Maxwell Norgaard, Mette Holm; **Addenbrooke's University Hospital (Paediatrics):** Mike Gattens, Myles Bradbury; **Auckland City Hospital:** Leanne Berkhan, Richard Doocey, Timothy Hawkins; **Ayr Hospital:** Fiona Cutler, Paul Eynaud; **Barnet General Hospital:** Andres Virchis, Marilyn Treacy; **Barts And The London NHS Trust:** Jamie Cavenagh, Matthew Smith, Heather Oakervee; **Basingstoke And North Hampshire Foundation NHS Trust:** Ashok Roy, Sylwia Simpson; **Beatson West Of Scotland Cancer Centre:** Anne Parker, Mark Drummond, Pam Mckay, Richard Soutar; **Belfast City Hospital:** Mary Francis McMullin, Robert Cuthbert; **Birmingham Children's Hospital:** Philip Darbyshire, Sarah Lawson; **Birmingham Heartlands Hospital:** Donald Milligan, Matthew Lumley, Neil Smith, Richard Lovell, Shankara Paneesha; **Blackpool Victoria Hospital NHS Foundation Trust:** Paul Cahalin; **Borders General Hospital:** John Tucker; **Bradford Royal Infirmary:** Adrian Williams, Lisa Newton, Nitin Sood, Sam Ackroyd; **Bristol Haematology And Oncology Centre:** David Marks, Graham Standen, Priyanka Mehta, Roger Evely, Stephen Robinson; **Cambridge University Hospitals NHS Foundation Trust:** Charles Crawley, George Follows, George Vassilou, Jane Keidan, Jenny Craig; **Cheltenham General Hospital:** Richard Lush; **Chesterfield Royal Hospital:** Emma Welch, Mark Wodzinski; **Children's Hospital For Wales:** Philip Connor; **Christchurch Hospital:** Steve Gibbons; **Christie Hospital NHS Trust:** Jim Cavet, Mike Dennis, Tim Somerville; **Countess Of Chester Hospital:** Edwin Lee, Salah Tuegar; **Crosshouse Hospital:** Julie Gillies; **Darent Valley Hospital:** Anil Kamat, Tariq Shafi; **Derby Hospitals NHS Foundation Trust:** Christopher Millar; **Derriford Hospital:** Hannah Hunter, Simon Rule, Tim Nokes; **Doncaster Royal Infirmary:** Beverley Paul, Joe Joseph, Stuti Kaul; **Dorset County Hospital NHS Foundation Trust:** Akeel Moosa; **East Kent Hospitals University NHS Foundation Trust:** Ferdinand Zwaan, Jindriska Lindsay, Vijay Ratnayake; **East Sussex Hospitals NHS Trust:** Judy Beard, Richard Grace, Satyajit Sahu; **Falkirk And District Royal Infirmary:** Christopher Brammer, Marie Hughes; **Glan Clwyd Hospital:** Christine Hoyle, Margaret Goodrick; **Gloucestershire Royal Hospital:** Adam Rye, Asha Johny, Eve Blundell, Rebecca Frewin, Sally Chown; **Great Ormond Street Hospital:** Nick Goulden; **Great Western Hospital:** Alex Sternberg, Norrbert Blessing; **Guys And St Thomas' Foundation Trust:** Kavita Raj, Matthew Smith, Robert Carr; **Hairmyres Hospital:** Iain Singer; **Heatherwood And Wexham Park NHS Foundation Trust:** Nicola Bienz, Peter Mackie, Simon Moule; **Herlev Hospital:** Morten Krogh Jensen; **Hillingdon Hospital:** Riaz Janmohamed, Richard Kaczmarek; **Hull Royal Infirmary:** Sahra Ali; **Ipswich Hospital NHS Trust:** Debo Ademokun, Isobel Chalmers; **James Cook University Hospital:** Angela Wood, Diane Plews, Jamie Maddox, Ray Dang; **James Paget University Hospital:** Cesar Gomez, Shala Sadullah; **John Radcliffe Hospital:** Amrana Quershi, Pares Vyas; **Kettering General Hospital:** Isaac Wilson-Morkeh, Mark Kwan; **Leeds General Infirmary (Paediatrics):** Sally Kinsey; **Leicester Royal Infirmary:** Ann Hunter, Murray Martin; **Lincoln County Hospital:** Kandeepan Saravanamuttu; **Maidstone Hospital:** Don Gillett, Evangelia Dimitriadou, Richard Gale; **Manchester Royal Infirmary:** Eleni Tholouli, Guy Lucas, John Yin; **Medway Maritime Hospital:** Ayed Eden, Maadh Aldouri, Vivienne Andrews; **Monklands Hospital:** John Murphy, Pamela Paterson; **NHS Grampian (Aberdeen Royal Infirmary):** Dominic Culligan, Jane Tighe; **New Cross Hospital:** Sunil Hada, Supratik Basu; **Ninewells Hospital And Medical Centre:** Duncan Gowans, Keith Gelly, Sudhir Tauro; **Norfolk And Norwich University Hospital NHS Foundation Trust:** Matthew Lawes; **Northampton General Hospital:** Suchitra Krishnamurthy@Nhs.Uk; **Northwick Park Hospital:** Nicki Panoskaltis, Charalampia Kyriakov; **Nottingham University Hospital (Paediatrics):** Kate Forman; **Nottingham University Hospitals NHS Trust:** Emma Dasgupta, Jenny Byrne, Nigel Russell; **Odense University Hospital:** Claus Marcher, Lone Friis, Poul Gram Hansen; **Peterborough District Hospital:** Kanchan Rege, Muthuswamy Sivakumaran, Sateesh Nagumantry; **Pinderfields General Hospital:** Paul Moreton; **Poole General Hospital:** Fergus Jack; **Princess Royal University Hospital:** Bipin Vadhir; **Queen Alexandra Hospital:** Helen Dignum, Robert Corser, Tanya Cranfield; **Queen Elizabeth Hospital, Birmingham:** Charles Craddock, Jim Murray; **Queen Elizabeth Hospital, Norfolk:** Jane Keidan; **Queens Hospital:** Claire Hemmaway, Jane Stevens; **Raigmore Hospital NHS Highland:** Chris Lush, Peter Forsyth, William Murray; **Rigshospitalet:** Carsten Niemann, Lars Kjeldsen, Ole Wei Bjerrum, Ove Juul Nielsen, Peter Kampmann; **Rotherham General Hospital:** Peter Taylor, Richard Went; **Royal Berkshire Hospital:** Henri Groch, Rebecca Sampson, Stuart Mucklow; **Royal Bournemouth Hospital:** Helen Mccarthy, Rachel Hall; **Royal Cornwall Hospital:** Bryson Pottinger, Julie Blundell, Richard Noble; **Royal Devon And Exeter Hospital:** Anthony Todd, Claudius Rudin, Malcolm Hamilton, Paul Kerr; **Royal Free Hospital:** Archie Prentice, Panos Kottaridis; **Royal Hallamshire Hospital:** John Snowden; **Royal Hospital For Sick Children (Yorkhill):** Brenda Gibson; **Royal Hospital For Sick Children Edinburgh:** Angela Thomas; **Royal Manchester Children's Hospital:** Denise Bonney, John Grainger; **Royal Oldham Hospital:** Allameddine Allameddine, David Osborne, Vivek Sen; **Royal Surrey County Hospital:** Johannes Devos, Louise Hendry; **Royal United Hospital:** Charles Singer, Christopher Knechtli, Sarah Wexler; **Russells Hall Hospital:** Jeff Neilson, Savio Fernandes, Stephen Jenkins; **Salford Royal Hospital:** John Houghton, Simon Jowitt, Sonya Zaman; **Salisbury Hospital NHS Foundation:** Jonathan Cullis, Tamara Everington; **Sandwell Hospital:** Farooq Wandoo, Yasmin Hasan; **Sheffield Children's NHS Foundation Trust:** Ajay Vora; **Singleton Hospital:** Hamdi Sati, Saad Ismail; **South Devon Healthcare NHS Foundation Trust:** Deborah Turner, Nicholas Rymes, Patrick Roberts, Steve Smith; **Southampton General Hospital (Paediatrics):** Janice Kohler, Mary Morgan; **Southampton University**

Hospital NHS Trust: Deborah Richardson, Kim Orchard, Matthew Jenner; **Southern General Hospital:** Anne Morrison; **St Helens And Knowsley NHS Trust:** Toby Nicholson; **St James University Hospital:** David Bowen; **St Richards Hospital:** Phillip Bevan, Sarah Janes; **Stoke Mandeville Hospital:** Anne-Marie O'Hea, Helen Eagleton, Jonathan Pattinson; **Sunderland Royal Hospital:** Mike Galloway, Simon Lyons, Yogesh Upadhye; **Taunton And Somerset Foundation Trust:** Simon Bolam; **The Newcastle Upon Tyne NHS Foundation Trust:** Anne Lennard, Chris Williams, Gail Jones, Graham Jackson, Josef Vormoor, Simon Bailey; **University College London Hospitals:** Andres Virchis, Asim Khwaja, Jamie Wilson, Kirit Ardeshta, Kwee Yong, Nishal Patel, Rachael Hough, Victoria Grandage; **University Hospital Aintree:** Barbara Hammer, Barrie Woodcock, Rahuman Salim, Walid Sadik; **University Hospital Coventry And Warwickshire NHS Trust:** Anand Lokare, Anton Borg, Beth Harrison, Jagdeesh Gandla, Mekkali Narayanan, Nicholas Jackson, Oliver Chapman, Peter Rose, Shailesh Jobanputra, Syed Bokhari; **University Hospital Of North Staffordshire NHS Trust:** Andrew Stewart, Deepak Chandra, Richard Chasty, Srinivas Pillai; **University Hospital Of Wales:** Jonathan Kell, Steve Knapper; **University Hospital Of North Tees And Hartlepool:** Philip Mounter, Zor Maung; **University Of Liverpool And Royal Liverpool University Hospital:** Rahuman Salim, Richard Clark; **Victoria Hospital NHS Fife:** Kerri Davidson, Lorna McIntock, Peter Williamson, Stephen Rogers; **Western General Hospital:** Peter Johnson; **Wishaw General Hospital:** Annielle Hung, Gila Helenglass; **Worcestershire Royal Hospital:** Salim Shafeek; **Worthing Hospital:** Santosh Narat; **York Hospital:** Laura Munro; **Ysbyty Gwynedd:** James Seale.