Supplemental material – ONLINE ONLY

Participating hospitals

Consultant lead, audit leads, and case identifiers. The number of cases supplied by each center is given in parentheses.

England

Addenbrookes Hospital (79) Dr E Cameron, Dr E Bird-Lieberman, Ms G Whiting, Mrs C Darler
Aintree University Hospital (54) Dr R Sturgess, Dr S Hood
Airedale General Hospital (53) Dr C J Healey, Dr S Miller, Dr I Khan, Ms C Booton
Alexandra Hospital, Redditch (2) Dr D Aldulaimi, Ms C Badger
Arrowe Park Hospital Wirral (128) Dr B Oates, Dr K Anim-Soumah, Ms E Scott, Dr K Anim-Soumah
Barnet Hospital (58) Dr KH Tang, Dr S Mehta, Dr R Dissanayaka, Dr H Williams, Dr M Shah
Basildon University Hospital (40) Dr D Gertner, Dr Z Mazhar, Dr A Naeeb
Basingstoke North Hampshire Hospital (35) Dr C Brooks, Dr M Gwiggner, Ms C Bagan
Bassetlaw District General Worksop (33) Dr C Hill, Dr J Sayer, Dr R Dawood
Bedford Hospital (35) Dr R Harvey, Dr A Wiles, Ms J West
Birmingham Heartlands (41) Dr T Ngatchu, Dr YS Aung, Sister K Upton
Blackpool Victoria Hospital (46) Dr CJ Shorrock, Dr N Prasad, Ms J Porter
Bradford Royal Infirmary (45) Dr C Beckett, Dr C Flynn, Ms L Nanson, Dr R King, Dr N Patel, Dr M Thida, Dr L Owen, Dr Y Kamal, Dr C Taylor, Dr D Storey
Bristol Royal Infirmary (66) Dr A McCune, Mr P Sylvester, SNK Caddick, Dr M Dastaran
Broomfield Hospital (7) Dr C McCartney, Dr K Khalid, Ms H Clarke
Calderdale Royal Hospital (106) Dr A Verma, Dr G Singh, Ms J Mason
Chelsea Westminster Hospital (3) Dr M Banks, Dr H Antoniades, Sister C Gosling
Cheltenham General Hospital (58) Dr J Anderson, Dr J Falvey, Ms V Coyle
Chesterfield Royal Hospital (31) Dr R Collin, Dr R Collin, Ms L Howlett
Chorley South Ribble Hospital (44) Dr I Drake, Dr A Khawaja, Ms S Baxter, Dr H Hatab
City Hospital Birmingham (48) Dr M Anderson, Dr A Elagib, Mr J Singh
Colchester General Hospital (59) Dr D O’Riordan, Dr S Tanwar, Ms E Smith
Conquest Hospital (31) Dr M Whitehead, Dr N Rahman, Dr M Blassczynska, Mrs G. Falconer
Countess of Chester Hospital (65) Mr D Monk, Dr H Dallow, Ms P Davenport-Ball
County Hospital, Hereford (38) Dr R Ransford, Dr R Desai, Ms V Bailey
Darent Valley Hospital (14) Dr R Ede, Dr R Sweis, Mr L Delieu, Ms S Lockwood
Darlington Memorial Hospital (27) Mr K Gunning, Ms J Ryan, Mrs J Dent
Derby City Hospital (84) Dr R Cunliffe, Dr R Armstrong, Dr B Orford, Dr V Monnelly
Derriford Hospital, Plymouth (83) Dr A Copplestone, Dr M Metzner, Ms J Cooke
Dewsbury District Hospital (83) Dr N Sivaramakrishnan, Dr V Hegde, Dr A Uddin
Diana, Princess of Wales Hospital Grimsby (30) Dr S Moss, Dr Ghosh, Ms J Tickle, Mr J Darley
Doncaster Royal Infirmary (88) Dr G James, Dr J Sayer, Dr R Westbrook
Dorset County Hospital (65) Dr S Bridger, Ms A Cocks
Ealing Hospital (4) Dr J Arnold, Dr J Arnold, Ms J Wilk
East Surrey Hospital (21) Dr J Stener, Dr N Chong, Ms S Cuming, Dr C Shekhar
Eastbourne District General Hospital (22) Dr A Dunk, Dr J Ryan, Ms G Falconer
Edith Cavell Hospital (2) Dr S Nair, Dr G Corbett, Ms K Bowen
Epsom General Hospital (14) Mr SY Farhat, Dr S Moodie, Dr P Patel
Fairfield General Hospital (39) Dr N Haslam, Dr K Hng, Ms N Nolan
Freeman Hospital (18) Dr K Oppong, Dr V Mahesh, Mr S Stoker
Frierage Hospital Northallerton (37) Dr J Hancock, Dr D Craig, Dr S Subramanian
Frimley Park Hospital (20) Dr S Langlands
Furness General Hospital Barrow (20) Dr C Brown, Dr J Keating, Ms B Teague, Ms H Pratt, Dr P Ellel
George Eliot Hospital, Nuneaton (7) Dr G Wood, Dr P Sambaia, Mr R Ryan
Good Hope Hospital (26) Dr C Lim, Dr S Kothuri
Hammersmith Hospital (73) Prof. S Ghosh, Dr D Westaby, Dr N Galletly, Ms J Camssell, Ms H Sklar, Mr A Thillainayagam
Hemel Hempstead General Hospital (30) Dr A King, Dr S Zeki, Ms S Gunn
Hexham Hospital (3) Dr E Phillips, Mr D Scott
Hinchingbrooke Hospital (13) Dr P Roberts, Dr M Thoufeeq, Ms B Anderson
Homerton University Hospital (24) Dr A Ballinger, Dr A Idowu, Ms R Halliday
Hope Hospital Salford (25) Dr C Babbs, Dr K Peddi, Ms S Stickova
Huddersfield Royal Infirmary (48) Dr G Sobala, Dr J Alyousoufi, Mr C Duffield
Hull Royal Infirmary (57) Dr M Dakkak, Dr H Reddy, Dr Y Khiyar, Dr D Leaning, Sister E Arksey, SN J Brady, Ms J Butler, Ms S Shephard, Mr M Padgett, Ms D Pinchon
Ipswich Hospital (134) Dr M Bose, Ms A Sayer, Ms S Loftus, Ms P Bradley
James Cook University Hospital (121) Dr H Dallal, Dr H Dallal, Ms E Carter
James Paget University Hospital (47) Dr M Williams, Dr L Scovell, Mr S Wright
Jersey General Hospital (15) Dr D Ng, Dr E Wesley
Kent Canterbury Hospital (60) Dr S Barton, Dr F Muller, Ms P Young, Mr R Woods
Kent Sussex Hospital (34) Dr A Harris, Dr T Demetriou, Ms A Davies
Kettering General Hospital (40) Dr A Chilton, Dr D Rogers, Dr J Cowdery
King George Hospital (34) Dr S Grainger, Dr U Afzal, Ms E Bradley
Kings College Hospital (1) Bjarnason, Dr K Jamil, Dr A Loganayagam
Kings Mill Hospital Mansfield (17) Dr R Logan, Dr A Norman, Ms N Singleton
Kingston Hospital (78) Dr T Heymann, Dr S Ralphs, Ms D Sayers

Jairath V et al. Time to endoscopy in nonvariceal bleeding... Endoscopy
Leeds General Infirmary (109) Dr S Everett, Dr M Barron, Dr R Henney, Dr A Costello, Mr R Young
Leicester General Hospital (40) Dr J DeCaestecker, Mr C Barbrook
Leicester Royal Infirmary (40) Dr P Wurmn, Dr S Tsao, Dr J Williams, Mr C Barbrook
Lincoln County Hospital (57) Dr G Spencer, Dr S Foley, Ms S Sinha
Lister Hospital Stevenage (39) Dr M Carter, Dr P Trembling, Mrs T Sutton
Macclesfield District General Hospital (12) Dr K Koss, Dr J Berry
Manor Hospital Walsall (37) Dr S Manjunatha, Dr S Putta, Ms L O’Shea, Dr H Padmanabhan
Mayday University Hospital (78) Dr M Mandal, Dr S Gupta, Dr V Gunasekera
Milton Keynes General Hospital (78) Dr R Madhotra, Dr C Akubine, Dr A Wahla
New Cross Hospital Wolverhampton (104) Dr I Perry, Dr E Stretton, Ms D Pickford
New University Hospital (16) Dr U Beejay, Dr Y Sharifi, Dr Y Sharifi, Dr M Crofts
Nobles Hospital IOM (19) Dr S Stock, Ms G Hattersley
Norfolk and Norwich University Hospital (48) Dr R Tighe
North Devon District Hospital (52) Dr A Moran, Dr C Sieberhagen, Mrs P Giles
North Manchester General University Hospital (32) Dr X McFarlane, Ms M Nolan, Dr A Conlin, Dr J Iqbal
North Middlesex University Hospital (59) Dr A Millar, Dr H Deeney, Dr R Dor, Ms K Thornton, Ms C Apps
North Tyneside Hospital (62) Dr M Hayat, Ms S Hope, Ms R Tate
Northampton General Hospital (48) Dr A Ogilvie, Mrs A Jeffrey, Mrs M Kears, Mrs S Fleckney
Northwick Park Hospital (63) Dr M Jacyna, Dr C Wadsworth
Nottingham City Hospital (48) Dr K Teahon
Peterborough Hospital (53) Dr S Nair, Dr G Corbett, Ms K Bowen, Dr S Harris, Dr M Surti
Pilgrim Hospital (10) Dr M Perry, Ms K Collier, Ms S Sinha
Pinderfields Pontefract Hospitals (109) Dr S Shah, Dr D Vani, Ms M Travis
Poole Hospital (50) Dr J Snook, Dr N Sharer, Ms S Chessel, Mrs C Howard, Ms J Delargy
Princess Alexandra Hospital (53) Dr R Phillips, Dr D Arockianathan, Dr A Fikree, Mr A Dixon
Princess Elizabeth Hospital, Guernsey (7) Dr P Mullen, Ms E Downey
Queen Alexandria Hospital, Portsmouth (30) Dr A Quine, Dr D Pearl, Mr T Johns
Queen Elizabeth Hospital, Birmingham (9) Dr R Walt, Dr T Iqbal, Dr M Heydtmann
Queen Elizabeth Hospital, Gateshead (66) Dr J Singh, Dr M Kasimianickam, Ms J Rutter
Queen Elizabeth Hospital, Kings Lynn (24) Dr A Dowds, Dr K Elamin, Dr R Hariraj
Queen Elizabeth Hospital, Woolwich (41) Dr J Dunn, Dr J Felber, Dr A McNair, Dr V Saxena
Queen Elizabeth II Hospital Welwyn Garden City (28) Dr P McIntyre, Dr A Kent, Ms L Sibthorpe, Ms F Mane, Ms A Smout
Queen Elizabeth The Queen Mother Hospital Margate (23) Dr A Piotrowicz, Dr K Manoj, Ms M Pickard
Queen Mary’s Hospital, Sidcup (15) Dr H Curtis, Dr E Lanning
Queens Medical Centre, Nottingham (38) Dr A Jawhari, Prof R Logan, Dr J Bebb, Dr T Monaghan, Dr M Williams, Dr J Thomas
Queen’s Hospital, Burton on Trent (1) Dr A Palejwala, Ms A Joy
Queens Hospital, Romford (50) Dr P Premchand, Dr N Jawad, Dr N O’Shea, Ms E Bradley, Ms M Haywood, Mrs S Poulten
Rochdale Infirmary (12) Dr R George, Dr M El Sadig, Ms L Cooper
Rotherham Hospital (134) Dr P Basumani, Dr M Yousif, Ms L Bowden
Royal Albert Edward Infirmary (60) Dr P Bliss, Dr M Dibb, Mrs D Joyce, Ms L McCreery
Royal Berkshire Hospital (55) Dr J Simmons, Dr P Allan, Ms L Milson
Royal Bolton Hospital (47) Dr G Lipscomb, Dr E Bolton, Ms K Shepherd
Royal Devon and Exeter Hospital (129) Dr R Ayres, Dr V Pearce, Ms L Moore
Royal Free Hospital (45) Prof O Epstein, Dr R Njie, Ms L Boxer
Royal Hampshire County Hospital Winchester (44) Dr H Shepherd, Dr J Saunders, Dr A Jamil, Ms F Geal
Royal Lancaster Infirmary (38) Dr C Brown, Dr C Selinger, Ms B Teague, Ms H Pratt, Dr C Henson
Royal Liverpool University Hospital (85) Prof. A Morris, Dr M Lombard, Dr L Turtle, Dr C Musumba, Miss H Parry, Mr A Houghton, Ms P Birch, Ms J Machin
Royal Oldham Hospital (31) Dr B Rameh, Dr S Balakrishnan, Dr A Gebril
Royal Preston Hospital (35) Dr S Cairns, Dr M Musa, Ms S Baxter, Dr F Mohammed
Royal Shrewsbury Hospital (21) Dr J Jones, Dr D Wozniak, Ms S Allen, Ms R Hayton, Dr L Pettitt
Royal Surrey County Hospital (53) Dr C Tibbs, Dr M Fullard, Ms T Mansfield
Royal Sussex County Hospital (102) Dr S Cairns, Dr P Blaker, Ms R Wheeler, Ms E Cox, Dr A McCeland, Dr S Patel
Royal United Hospital Bath (12) Dr D Robertson, Dr D Gavin, Sister T Thresher, Dr J Linehan
Royal Victoria Infirmary, Newcastle (149) Dr K Matthwson, Dr C Mountford, Mr S Stoker
Russells Hall Hospital Dudley (56) Dr B Jones, Dr I Williams, Ms K Obrenovic
Salisbury District Hospital (32) Dr J Loehry, Dr A Muddu, Ms M Thorogood
Sandwell General Hospital (2) Dr C Cobb, Dr J Mannath
Scarborough General Hospital (73) Dr C Mitchell, Dr S Riyaz, Dr J Storey, Mr B Ellison, Ms A McKee, Ms J Walker
Scunthorpe General Hospital (1) Dr P Mysore, Dr P Sutherland, Mr J Daws, Ms L Barsley
Selby Oak Hospital (34) Dr R Walt, Dr J Goh, Dr E Campbell
South Tyneside District Hospital (57) Dr S Panter, Dr J Khan, Ms A Bartholomew, Ms N Lloyd
Southampton General Hospital (13) Dr M Wright, Dr V Gamba
Southend University Hospital (42) Dr G Bray, Dr J Goodhand, Ms Y Townsend
Southmead Hospital (8) Dr S Hughes, Dr M Musa
Southport Formby District General Hospital (46) Dr G Butcher, Mr T Heathcote, Dr M Fox, Mr V Fletcher, Dr A Bonnett
St George’s Hospital London (42) Mr R Leicester, Dr C Groves, Dr S Musa
St Helier Hospital Jersey (56) Dr S Zar, Dr C Tee, Dr M Afzal, Dr D Ghosh
St James University Hospital (105) Dr G Robins, Dr J Hutchinson, Dr M Armstrong
St Mary’s Hospital Paddington (54) Dr J Hoare
St Peter’s Hospital Chertsey (69) Dr P Finch, Dr C Banks, Mrs A Clifford
Stafford General Hospital (115) Dr S Hearing, Dr B Theron, Ms A Worraker
Stepping Hill Hospital (47) Dr N Aaluwalia, Dr C Blood, Mr A Riley
Stoke Mandeville Hospital (51) Dr M Wheldon, Dr A Naziat, Ms L Oswald, Ms S Cooper
Sunderland Royal Hospital (1) Dr D Nylander
Tameside General Hospital (38) Dr K Siddiqui, Ms M Tate
Taunton and Somerset Hospital (80) Dr P Thomas, Dr E Greig, Ms N Durant
The Great Western Hospital (17) Dr A Sternberg, Ms S Caldwell, Ms N Basharat, Ms H Cooper
The Hillingdon Hospital Uxbridge (4) Dr G Holdstock, Mr M Troup
The Horton Hospital Banbury (13) Dr A Ellis, Dr R Palmer
The John Radcliffe Hospital Oxford (63) Dr S Travis, Dr O Brain, Dr J Corcoran, Mr L Rhodes, Ms H Bainbridge
The Luton Dunstable Hospital (19) Dr S Jain, Dr A Shankar, Mr D Griersson-Hill, Ms E Morris
The Princes Royal Hospital Telford (70) Dr J Jones, Dr S Ahmed, Ms R Hayton, Dr R Kontautaite
The Royal Bournemouth Hospital (48) Dr P Winwood, Dr B Chadwick, Ms H Baker
The Whittington Hospital London (121) Dr D Suri, Dr D Lindo, Ms L Kelly
Torbay Hospital (41) Dr J Lowes, Dr R Ramnarace, Mr M Francis, Mr S Pearce
Trafford General Hospital (4) Prof C Summerton, Dr Z Mehdi
University College Hospital London (21) Dr A Hatfield, Dr L Langmead
University Hospital of Hartlepool (24) Dr J Vasani, Dr S Chatterjee, Ms J Butt
University Hospital of North Durham (46) Dr P Moncur, Ms D Watson
University Hospital of North Staffordshire (35) Dr A Brind, Dr G Moran, Ms P Kelsall
University Hospital of North Tees (93) Dr M Rutter, Dr T Lee, Ms P Green, Ms J Pearson
Wansbeck Hospital Ashington (3) Dr A Bhagwat, Dr D Waddington, Ms R Tate
Warrington Hospital (19) Mr M Brett, Dr S Narreedy, Ms V Brash
Warwick Hospital (18) Dr PC Hawker, Dr L Claridge, Ms R Walczak-Doughty
Watford General Hospital (25) Dr A Leahy, Dr Q Ainstee, Ms A Wood
West Cumberland Hospital (24) Dr Z Mahmood, Dr R Jaiswal, Sr M Linsted
West Middlesex University Hospital (45) Dr I Beveridge, Dr A Humphries, Ms M Wu, Dr N Direzke
Westmorland General Hospital (5) Dr C Brown, Dr D Moothoos, Ms B Teague, Ms H Pratt
West Suffolk Hospital (16) Dr S Whalley, Dr K Sheikh, Ms L Watson
Weston General Hospital (64) Dr DR Parker, Dr T Valiani, Dr T McGavin
Wexham Park Hospital Slough (81) Dr S Levi, Dr F Hossain, Ms B Johnston
Whipps Cross University Hospital London (68) Dr A Sawyerr, Dr G Osuoha, Ms J Henderson
Whiston Hospital Liverpool (22) Dr J Mclindon, Dr R Chandy, Mr B Collins
William Harvey Hospital (18) Dr D Austin, Dr A Dhiman
Worcestershire Royal Hospital (5) Dr N Hudson, Dr D Adulaimi, Ms C Badger

Worthing Hospital (36) Dr K Thompson, Ms P Beacher, Dr S Kreise
Wycombe Hospital (41) Dr A McIntyre, Dr C Green, Ms L Oswald, Ms S Cooper
Wythenshawe Hospital (51) Dr G Hyde, Dr R Keld, Dr R Lim, Dr P Smith, Mr G Biddlecombe, Dr S Murugesan
Yeovil District Hospital (38) Dr Z Khan, Dr M Sprott, Ms C Mitchell
York Hospital (92) Dr J Turvill, Dr G Sivaji, Mrs M Norton

Scotland
Dumfries Galloway Royal Infirmary (20) Dr F Ashkanani, Dr D Kidder, Dr J K Apollos
Belford Hospital Fort William (2) Dr B Tregaskis
Borders General Hospital (32) Dr J Fletcher, Dr C Evans, Ms L Hall
Gartnavel General Hospital Glasgow (9) Dr D Gillen, Dr J MacDonald
Glasgow Royal Infirmary (12) Dr J Morris
Hairmyres Hospital East Kilbride (104) Dr T Reilly, Dr H Mackie, Dr G Masterton
Lorn Islands District General Hospital Oban (6) Dr S Yadav
Ninewells Hospital Dundee (72) Dr N Reynolds, Dr H Younger, Dr M Groome
Perth Royal Infirmary (8) Dr N Reynolds, Dr J Cotton, Dr A Smith
Queen Margaret Hospital Dumferrlne (37) Dr N Church, Dr H Jafferbyho, Ms C Gilvear, Mr A Macdonald
Royal Infirmary of Edinburgh (29) Dr C Blair, Dr K Trimble, Dr D Gilbert, Ms D Needham
Southern General Hospital Glasgow (35) Dr H Suzuki, Dr J Manning
Stirling Royal Infirmary (161) Dr H Dalziel, Dr D Morales, Mr L Simpson
Stobhill Hospital Glasgow (12) Dr A Cahiil
Victoria Hospital Kirkcaldy (14) Dr J Wilson, Dr K Vaidya, Dr G Birnie
Victoria Infirmary Glasgow (38) Dr R Boulton-Jones, Dr G Naim-Smith Ms, S Shields
Western General Hospital Edinburgh (7) Dr I Penman, Ms A Henderson, Dr J Ferguson

Northern Ireland
Antrim Area Hospital (17) Dr C Rodgers, Dr H Ferguson
Belfast City Hospital (48) Dr B Johnston, Dr N McDougall, Dr G Morrison, Dr N Kelly, Dr C Ferguson, B Craig, J Shaw, O Doherty
Daisy Hill Hospital (30) Mr A Black, Mr E Smyth
Erne Hospital (37) Dr M Killen, Dr E Ghareeb
Mid-Ulster Hospital (6) Dr N Patterson, Dr J Addley
Royal Victoria Hospital Belfast (41) Dr S Atkinson
The Ulster Hospital (108) Dr G Caddy, Dr P Allen, Ms J Hall, Dr C Lam, Dr Strzelecka, Ms B Allen
Tyrone County Hospital (1) Dr M Killen, Dr E Ghareeb

Wales
Bronlais General Hospital (12) Dr M Narain, Dr D Othman, Ms M Edwards, Dr S Manning
Glan Clwyd Hospital Rhyl (37) Dr I Finnie, Dr L Sunderraj, Ms E Hughes
Llandough Hospital Cardiff (34) Dr J Green, Dr J Turner, Ms A Ball, Dr C Jones, Dr S Clarke, Dr N Khan

Jairath V et al. Time to endoscopy in nonvariceal bleeding... Endoscopy
Morriston Hospital Swansea (33) Dr P Duane, Dr K Tirou, Mrs A Parcell
Neath Port Talbot Hospital (26) Dr C Lai, Ms C Havard, Sister J Crowther
Nevill Hall Hospital Abergavenny (38) Dr P Neville, Dr C Pritchard, Dr C Hewkins
Prince Charles Hospital Merthyr Tydfil (29) Dr M Patel, Dr D Joy, Dr M Khanji, Mr Kumar
Singleton Hospital Swansea (30) Dr C Ch’ing, Dr C Hunt
University Hospital of Wales Cardiff (39) Dr B Hawthorne, Ms J Jones, Ms A Ball
Withybush General Hospital Haverfordwest (43) Dr A Vaishnavi, Dr V Sankar, Ms C Williams
Wrexham Maelor Hospital (22) Dr T Mathialahan, Dr J Hender
Ysbyty Gwynedd Hospital Bangor (39) Dr W Ahmed, Dr J Gasem, Dr K Mottart, Ms T Jones.