

Sepsis Guideline Committee

Membership list

| Name | Job Title, Organisation |
|------------------------|--|
| Chair | |
| Saul Faust | Professor of Paediatric Immunology & Infectious Diseases & Director, NIHR Wellcome Trust Clinical Research Facility, University of Southampton |
| Core members / Members | |
| Richard Beale | Clinical Director of Perioperative, Critical Care & Pain Services and Consultant in Intensive Care Medicine |
| John Butler | Consultant in Emergency Medicine & Critical Care Medicine |
| Enitan Carrol | Chair in Paediatric Infection/Honorary Consultant, University of Liverpool Institute of Infection and Global Health |
| Simon Nadel | Adjunct Professor of Paediatric Intensive Care |
| Julian Newell | Corporate Matron, Patient Safety |
| Jenny O'Donnell | Lay Member |
| Rachel Rowlands | Consultant in Paediatric Emergency Medicine |
| Mark Simmonds | Consultant in Acute and Critical Care Medicine |
| Alison Tavare | General Practitioner |
| Louella Vaughan | Senior Clinical Research Lead, Northwest London CLAHRC |
| James Wenman | Clinical Development Manager (Paramedic) |
| Catherine White | Lay Member |
| Topic expert members | · |

| Michael Maresh | Consultant Obstetrician, St Mary's Hospital, Manchester |
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| Ronan McMullan | Senior Lecturer & Consultant Medical Microbiologist, Queens University Belfast & Belfast HSC trust] |

Date last reviewed: 13/07/2016

Declaration of Interests

The effective management of conflicts of interests is an essential element in the development of the guidance and advice that NICE publishes. Please refer to the NICE website for the <u>Policy on Conflicts of Interest</u>.

| Name | Job title, organisation | Declarations of Interest, date declared | Type of interest | Decision taken |
|--------------------------|----------------------------|--|---|-------------------------------|
| Saul Faust (Chair) | Faust Paediatric | 17/01/2014: For all commercial relationships I have received no personal payment of any kind from any organisation, all grants, honoraria and fees paid to University or Trust employer Clinical Trial investigator for commercial clinical | Non- personal pecuniary interest | Declare and participate |
| | | trials (acting on behalf of University of Southampton and University Hospital Southampton NHS Foundation Trust, no personal payments of any kind), all NIHR portfolio commercial studies. | | |
| | | 2006-14 clinical trials on behalf of Wyeth, Pfizer, GSK, Sanofi, Novartis for paediatric vaccines, Roche (antiviral agent in influenza), | | |

| Alios (treatment for RSV infection) 2012- 4 UK Chief Investigator for GSK quadrivalent influenza vaccine paediatric clinical trials (QIV004 and 009) |
|--|
| 2014-6 UK Chief Investigator for Cubist trial of antimicrobial agent in paediatric bone and joint infection |
| Grant funding to institution: co investigator on Pfizer-funded investigator led study in pneumococcal molecular epidemiology (funds held by University of Southampton). |
| Pfizer Paediatric Vaccines Media Medics Lounge July 2013 |
| Meeting of experts (no personal payments as above) arranged by equal convenors: Astellas, Cubist & Actelion. April 2013 to discuss generic issues related to to C difficile in infants, NOT specific |
| |

| recommended further | | |
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| open discussions with EMA PDCO to discuss generic issues regarding age/case definition (took place on 15th Jan 2014) | Personal | |
| Involved in sepsis research since 1996 as an investigator and co-investigator in MRC and pharma-funded clinical research and trials in paediatric sepsis. | non- pecuniary interest | Declare and participate |
| Has recently been Chief Investigator on a UK AMRC Charity (Meningitis Research Foundation) funded, NIHR MCRN adopted, pilot phase 2 study of corticosteroids in paediatric sepsis, the analysis of which is currently being carried out and which will report in Q4 2014. | | |
| 04/03/2015: Participation in Pfizer Meningococcal Vaccine Global Scientific Strategy Advisory Board 2015 (no personal payment of any kind from any organisation, all honoraria paid to University or Trust | Non- personal pecuniary interest | Declare and participate |

| | | employer) | | |
|---------|---|---|---|-------------------------------|
| | | Clinical Trial investigator for 2014- 5 commercial clinical trials in infants with RSV (Alios and Ablynx) (acting on behalf of University of Southampton and University Hospital Southampton NHS Foundation Trust, no personal payments of any kind). | Non- personal pecuniary interest | Declare and participate |
| | | 08/09/2015: | | |
| | | Attended flu vaccine advisory board hosted by AstraZeneca. | Personal pecuniary interest | Declare and participate |
| | | Attended infectious Diseases Research Network meeting on sepsis biomarkers for children. | Personal non- pecuniary interest | Declare and participate |
| Richard | Clinical Director of | 02/05/2014: | | |
| Beale | Perioperative, Critical Care & Pain Services and Consultant in Intensive Care Medicine | Small amount of industry consulting work - contracts are with Trust and fee is billed by Trust and goes to departmental research budget. No direct payment is received. | Non- personal pecuniary interest | Declare and participate |
| | | \$3,000 fee received by Trust for infection diagnostics for the Waters Corporation | Personal non- pecuniary interest | Declare and participate |

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| | | Current member of the Steering Committee of the Surviving Sepsis Campaign | Personal non- pecuniary interest | Declare and participate |
| | | 14/06/2014: | | |
| | | TSB grant in partnership with Edinburgh and Newcastle Universities and BD biosciences, to develop new sepsis biomarkers | Non- personal pecuniary interest Personal | Declare and participate |
| | | Membership of the steering committee of the Surviving Sepsis Campaign | non- pecuniary interest | Declare and participate |
| | | Chair of Research Committee of European Society of Intensive Care Medicine (2010 - 2013), and Executive Committee Member Waters Scientific Advisory Board meeting 10 12 13 | | |
| | | 04/03/2016: Research grant for sepsis biomarkers. TSB/ BD biosciences via King's College London | Personal non- pecuniary interest | Declare and participate |
| John Butler | Consultant in Emergency Medicine & Critical Care | 02/06/2014: Member of the Faculty of Intensive Care Board, as the | Personal non- pecuniary | Declare and participate |

| N | ledicine | College of | interest | |
|---|----------|---|----------|--|
| | | Emergency Medicine Representative, with | | |
| | | full voting rights. | | |
| | | 5 5 | | |
| | | Member of the UK | | |
| | | Sepsis Trust for about five years and | | |
| | | has utilised their | | |
| | | Survive Sepsis | | |
| | | educational material | | |
| | | to conduct Sepsis study days within | | |
| | | Trust. Membership is | | |
| | | voluntary and unpaid. | | |
| | | Attended a Llaussa | | |
| | | Attended a Houses of Parliament | | |
| | | meeting in | | |
| | | September 2013 | | |
| | | following an invitation from the UK Sepsis | | |
| | | Trust, to Lobby MPs | | |
| | | on the importance of | | |
| | | sepsis as a major healthcare issue. | | |
| | | | | |
| | | Evaluated the use of | | |
| | | biomarker PCT in critical care unit | | |
| | | about 4 years ago. | | |
| | | Following its | | |
| | | successful evaluation | | |
| | | and implementation, has presented | | |
| | | departmental | | |
| | | experience at | | |
| | | meeting and has received travel and | | |
| | | accommodation | | |
| | | expenses from | | |
| | | Thermofisher. The only meeting in the | | |
| | | last year was on 28 | | |
| | | January and was | | |
| | | sponsored by Thermofisher. Talk | | |
| | | was about | | |
| | | biomarkers and | | |

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| | | experience with PCT in clinical practice. | | |
| | | At request of Trust, attended two meetings in March 2014, organised by Advancing Quality Alliance. Attended Sepsis group and worked with a group of multi-disciplinary clinicians to produce a set of clinical standards which could be used to assess clinical performance in the management of patients with sepsis. This work was unfunded and attended in own time. | | |
| Enitan Carrol | Chair in Paediatric Infection/Honorary Consultant, University of Liverpool Institute of Infection and Global Health | 11/07/2014: TSB grant holder for development of a point of care test for sepsis with two UK SMEs. | Non- personal pecuniary interest | Declare and participate |
| | | My institution has filed a patent on my behalf, for a biomarker combination for sepsis. | Non- personal pecuniary interest | Declare and participate |
| | | Existing collaboration with Biomerieux and Brahms but have never received any payments to myself or my institution. Biomerieux has hosted collaborative visits, but expenses are in line with what would be considered | Personal non- pecuniary interest | Declare and participate |

| reasonable. | | |
|---|--|-------------------------------|
| Member of two NIHR panels ; RfPB and i4i Personal experience of septicaemia | Personal non- pecuniary interest N/A | Declare and participate |
| Co-opted member of a NICE diagnostic assessment committee, which is looking at Procalcitonin. | Personal non- pecuniary interest | Declare and participate |
| 06/02/2015: I have been invited to join the Scientific Advisory Board for Biomerieux (BioFire- Film Array) for development of a diagnostic panel for infections in children. Meeting will take place on 16-18 March. All honorarium will be paid directly to my institution (University of Liverpool) and the contract is between my institution and Biomerieux. I will not personally receive any financial or other benefits from the contract. | Non- personal pecuniary interest | Declare and participate |
| 22/04/2015: I have worked on biomarkers of infection in the past | Non- personal | Declare |

| | 12 months (procalcitonin, NGAL, resistin, S100A100, MMP8/9 and many others) | pecuniary interest | and participate |
|--|---|-------------------------------|--------------------|
| | I filed a patent for the combination of biomarkers of bacterial infection in 2012; UK Patent Application No 1201918.8, Biomarkers for sepsis, International Patent Application No PCT/GB2012/051251 | | |
| | 15/07/2015: | | |
| | I am on Steering group of Infectious Diseases Research Network | Personal non- pecuniary | Declare and |
| | I received an MRC Confidence in Concept award in 2014 on identifying biomarkers of sepsis using peptide arrays with a company called Avacta Life Sciences | interest | participate |
| | I received a Knowledge Transfer Partnership with Avacta from Innovate UK. The Knowledge Transfer Partnership (KTP) scheme allows UK Universities to help UK Industry by utilising knowledge which exists within the University. The scheme is partly funded by the | | |

| | | Business itself (~33%) with the remainder being funded by government grants. The academic's institution receives financial remuneration for this, to be used for any academic purpose on any project. | | |
|-------|---------------------------------|--|---|-------------------------------|
| Simon | Adjunct Professor | 16/10/2014: | | |
| Nadel | of Paediatric Intensive Care | Consultant and advisory board member for Novartis Vaccines | Personal pecuniary interest | Declare and participate |
| | | 14/07/2014: | | |
| | | Advisory boards for Novartis, Pfizer, Baxter and Abbvie – money paid for expenses and travel. | Personal pecuniary interest | Declare and participate |
| | | Educational grant Pfizer | Non- personal pecuniary interest | Declare and participate |
| | | | | |
| | | Research grant Pfizer | | |
| | | Scientific committee for Meningitis Research Foundation and Meningitis Now charities. | Personal non- pecuniary interest | |
| | | Scientific committee for British Paediatric Surveillance Unit | | |
| | | Writing Committee for American | | |

| | | Academy of Pediatrics, Sepsis Guidelines Group. Secretary of European Society for Paediatric and Neonatal Intensive Care 08/09/2015: Been invited to the German Sepsis Society conference. | Personal non- pecuniary interest | Declare and participate |
|--------------------|-------------------------------------|---|--|--|
| Julian Newell | Corporate Matron, Patient Safety | 11/07/2014: Advisor to NCEPOD Study: Sepsis Volunteer for UK Sepsis Trust Has attended one meeting regarding an NHS England (Patient Safety Division) patient study. | Personal non- pecuniary interest | Declare and participate |
| Jenny O'Donnell | Lay Member | Initial declaration: Lead volunteer for UK Sepsis Trust 01/07/2014: Family experience of sepsis | Personal non- pecuniary interest Personal non- pecuniary interest | Declare and participate Declare and participate |
| | | 02/06/2015: | Personal | |

| Attended the UK Sepsis Trust Parliamentary Reception in September 2014. Attended the UK Sepsis Trust Ball in September 2014 (paid £200 for the | pecuniary interest | Declare and participate |
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| ticket) and won auction prize of a holiday (paid £1250 for this). The holiday included a week (2-9 April 2015) at the CEO of UK Sepsis Trust's apartment in Spain and £300 towards flights. | | |
| Attended two West of England Academic Health Science Network Sepsis Masterclass sessions (one in Q1 2015, one in Q2 2015). | | |
| Also in the process of setting up a Sepsis Support Group in Bristol on behalf of the UK Sepsis Trust. | | |
| 14/09/2015: | | |
| I attended the Sepsis Parliamentary Reception in conjunction with the UK Sepsis Trust (UKST). As previously stated, I am organizing a Sepsis Support Group in Bristol on 22nd October 2015 | Personal non- pecuniary interest | Declare and participate |

| | | on behalf of the UK Sepsis Trust. The UKST will also fund my Cruse training on 21st October 2015 to help me prepare for the support group. | | |
|----------|-------------------------------------|--|---|-------------------------------|
| Rachel | Consultant in | 18/06/2014: | | |
| Rowlands | Paediatric Emergency Medicine | Department audit lead and paediatric governance lead. | Personal non- pecuniary interest | Declare and participate |
| | | 28.04.2015: Won £500 from UK Sepsis Trust from competition to pitch ideas to improve sepsis care. Funding received by organisation, not RR personally. | Non- personal pecuniary interest | Declare and participate |
| Mark | Consultant in Acute | 06.08.2014: | | |
| Simmonds | and Critical Care Medicine | Developing electronic sepsis screening tool with NerveCentre Software as part of wider electronic observations work at Nottingham University Hospitals. | Non- personal pecuniary interest | Declare and participate |
| | | 08/09/2015: | | |
| | | Developing automated sepsis screening with Nervecentre Software. Attended and spoke at Sepsis UK conference 2015. | Personal non- pecuniary interest | Declare and participate |
| Alison | General Practitioner | Initial declaration: | | |
| Tavare | | Dr Tavaré's husband is in receipt of grants from the Wellcome | Personal family | Declare and |

| Trust, Cancer | interest | participate |
|---|---|-------------------------------|
| Research UK, EPSRC and Diabetes UK. He is director of the Elizabeth Blackwell Institute for health research at the University of Bristol. | | |
| 11/07/2014: Personal experience of sepsis. Involved in raising awareness of sepsis amongst clinicians at North Bristol Trust, GP practices in Bristol and Eastwood Park Prison, Gloucs. | Personal non- pecuniary interest | Declare and participate |
| 05/09/2014: Uses educational material from the UK Sepsis Trust and has attended a reception at the Houses of Parliament as part of this role. | Personal non- pecuniary interest | Declare and participate |
| 02/06/2015: Member of the West of England AHSN (Academic health science network) working group looking at improving methods of detecting and managing sepsis in the community. | Personal non- pecuniary interest | Declare and participate |
| 15/07/2015: Asked to review the NCEPOD report and recommendations on sepsis and speak at | Personal non- pecuniary | Declare and |

| | | the launch of the | interest | participate |
|---------|---|--|---|-------------------------------|
| | | report. | | |
| | | 08/09/2015: | | |
| | Attended a Sepsis Trust reception at the Houses of Parliament in September 2015. | Personal non- pecuniary | Declare and | |
| | | 16/10/2015: | interest | participate |
| | | Contacted by the Health Science Network to work on a project improving communication in principal setting. Not committed as of yet. | Personal pecuniary interest | Declare and participate |
| Louella | | 06.05.2014: | | |
| Vaughan | | Collaborator in research project which has received non-financial support from Brahms (manufactures biomarkers which may be of use in sepsis). | Non- personal pecuniary interest | Declare and participate |
| | | 13.08.2014: Working on research projects that have received funding from industry partners (Thermofisher) – no money directly to myself | Non- personal pecuniary interest | Declare and participate |
| | | Council Member of the Society for Acute Medicine and have publicly supported the National Early | Personal non- pecuniary interest | |

| | | Warning System (NEWS) | | |
|--------------------|---|---|---|-------------------------------|
| James Wenman | Clinical Development Manager (Paramedic) | 31.07.2014: In 2012/13 South Western Ambulance Service (SWASFT) embarked on a joint project with Daiichi Sankyo (pharmaceutical company) developing the first electronic referral pathway for patients with atrial fibrillation. This project was funded partly by Daiichi Sankyo (£10k) matched with the equivalent of professional managerial input and training by SWASFT. The £10k was spent directly on the project, purchasing the licence for the required software to facilitate to the pathway. The payment was made directly to the Trust. | Non- personal pecuniary interest | Declare and participate |
| | | 15/07/2015: I have been approached by the UK Sepsis Trust to support the dissemination of the new pre-hospital sepsis tool kits (time scales to be confirmed). | Non- personal pecuniary interest | Declare and participate |
| Catherine White | Lay Member | 15.09.2014: Volunteers for ICUsteps as the | Personal non- pecuniary | Declare and |

| Information Manager and a Trustee. This role involves reviewing research trials to provide a patient perspective. | interest | participate |
|---|--|--|
| Helped produce a patient information booklet with the UK Sepsis Trust. Independent paid lay member on the leoPARDs (Levosimendan for the Prevention of Acute oRgan Dysfunction in Sepsis) clinical trial. Role is to present the patient view. | Personal non- pecuniary interest Personal pecuniary interest | Declare and participate Declare and participate |
| Paid lay member on the NIHR Health Technology Assessment Clinical Evaluation and Trials Board. Occasionally the board is asked to consider funding a sepsis trial. | Personal pecuniary interest | Declare and participate |
| Lay reviewer for the NIHR, which occasionally involves reviewing sepsis trials. | Personal non- pecuniary interest | Declare and participate |
| Volunteer lay member on the NCEPOD current sepsis investigation. | Personal non- pecuniary interest | Declare and participate |

Date last reviewed: 13/07/2016