

## Supplementary Material 1: Summary of included studies in the literature review

| Title                                                                                                                  | Author            | Year | Journal                                              | Location  | Design                                      | Brief Summary                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------|-------------------|------|------------------------------------------------------|-----------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reflections: The hospitalist movement a decade later                                                                   | Wachter           | 2006 | Journal of Hospital Medicine                         | US        | Commentary                                  | To describe the history of the introduction of hospitalist movement and provide personal reflections on the development of the field.                                                                                                                                                                                                                   |
| Implications of the hospitalist model for medical students' education                                                  | Hauer and Wachter | 2001 | Academic Medicine                                    | US        | Commentary                                  | To propose a research agenda to investigate the educational impact of the hospitalist model, suggest strategies to mitigate the limitations in students' exposures to subspecialty faculty, and recommend professional development in teaching for hospitalists to ensure that student education thrives in this new environment of inpatient medicine. |
| The future of general medicine: lessons from an admissions ward                                                        | Hampton and Gray  | 1998 | Journal of the Royal College of Physicians of London | UK        | Qualitative: three-year observational study | To define the expertise required of general physicians by surveying the work of an admissions ward.                                                                                                                                                                                                                                                     |
| Specialist or generalist care? A study of the impact of a selective admitting policy for patients with cardiac failure | Lowe et al        | 2000 | International Journal for Quality in Health Care     | Australia | Quantitative: prospective cohort study      | To evaluate the impact of a selective admitting policy that attempts to exploit the complementary strengths of specialists and generalists.                                                                                                                                                                                                             |

| Title                                                                     | Author                   | Year | Journal                                                                 | Location    | Design                                                                                                   | Brief Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------|--------------------------|------|-------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Career choices of junior doctors: is the physician an endangered species? | Chaudhuri et al          | 2013 | Clinical Medicine: Journal of the Royal College of Physicians of London | UK          | Quantitative: national survey analysis                                                                   | To describe the results of a national survey of FY2, CT1, CT2, StR and ST3+ doctors exploring their enjoyment of medicine, overall satisfaction, career aspirations, influencing factors and perceptions of the medical registrar.                                                                                                                                                                                                                               |
| The ethics of the hospitalist model                                       | Rosenbloom and Jotkowitz | 2010 | Journal of Hospital Medicine                                            | US          | Narrative review                                                                                         | To serve as an update to initial criticisms and ethical issues of the hospitalist specialty (protecting the patient–physician relationship in an environment of increasing specialisation and discontinuity of care, preserving patient autonomy and choice when structural changes are made, and ensuring a model founded on efficiency and cost-effectiveness does not erode the public trust in hospitalists to always serve their patients' best interests). |
| The hospitalist as coordinator: an observational case study               | Burkhardt et al          | 2010 | Journal of Health Organization and Management                           | Switzerland | Qualitative: process-oriented case study using participatory observations and semi-structured interviews | To understand how the hospitalist function emerges and unfolds on wards and to focus on interaction patterns and the role of the hospitalist.                                                                                                                                                                                                                                                                                                                    |

| Title                                                                                       | Author          | Year | Journal                                      | Location      | Design                                                                                              | Brief Summary                                                                                                                                |
|---------------------------------------------------------------------------------------------|-----------------|------|----------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Evaluation of physician assistants in National Health Service Scotland                      | Farmer et al    | 2011 | Scottish Medical Journal                     | UK (Scotland) | Mixed methods: longitudinal study including interviews, feedback forms and activity data collection | To evaluate the impact and contribution made by PAs (US-trained Physician Assistants) to delivering effective healthcare in NHS Scotland.    |
| General medicine – revisited, rejuvenated, revitalized and reemphasized                     | Chee            | 2002 | Annals of the Academy of Medicine, Singapore | Singapore     | Literature review and commentary                                                                    | To search recent literature to describe changes in the US and UK around the shift towards general medicine.                                  |
| Hospitalists as teachers: how do they compare to subspecialty and general medicine faculty? | Kripalani et al | 2004 | Journal of General Internal Medicine         | US            | Quantitative: cross-sectional survey analysis                                                       | To compare evaluations of teaching effectiveness among hospitalist, general medicine and subspecialist attendings on general medicine wards. |
| Hospital medicine in the internal medicine clerkship: results from a national survey        | Liston et al    | 2012 | Journal of Hospital Medicine                 | US and Canada | Quantitative: survey analysis                                                                       | To determine the role of hospitalists in medical student education within the US and Canada.                                                 |

| Title                                                                                                                                 | Author                   | Year | Journal                     | Location    | Design                                              | Brief Summary                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|-----------------------------|-------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Redesigning residency education in internal medicine: a position paper from the Association of Program Directors in Internal Medicine | Fitzgibbons et al        | 2006 | Annals of Internal Medicine | US          | Position paper                                      | To outline the recommendations for residency education system re-design.                             |
| Rural nurse job satisfaction                                                                                                          | Molinari and Monserud    | 2008 | Rural and Remote Health     | US          | Mixed method: literature review and survey analysis | To identify the factors that are important to retain qualified rural nurses.                         |
| John Flynn meets James Mackenzie: developing the discipline of rural and remote medicine in Australia                                 | Murdoch and Denz-Penhey  | 2007 | Rural and Remote Health     | Australia   | Commentary                                          | To reflect on the development of rural and remote medicine in Australia.                             |
| Training generalist doctors for rural practice in New Zealand                                                                         | Nixon et al              | 2017 | Rural and Remote Health     | New Zealand | Commentary                                          | To describe the postgraduate pathways that have evolved for rural generalist doctors in New Zealand. |
| The evolution of the hospitalist movement in the USA                                                                                  | Baudendistel and Wachter | 2002 | Clinical Medicine           | US          | Commentary                                          | To provide an overview of the development of the hospitalist movement in the USA.                    |

| Title                                                                                                           | Author      | Year | Journal                                                              | Location  | Design                                                                                          | Brief Summary                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------|-------------|------|----------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1st College of Physicians Lecture: The role of internal medicine as a specialty in the era of subspecialisation | Chee        | 2004 | Annals of the Academy of Medicine, Singapore                         | Singapore | Lecture                                                                                         | To outline the role of the internist in modern medical practice.                                                              |
| Determinants of hospitalist efficiency: a qualitative and quantitative study                                    | Dynan et al | 2009 | Medical Care Research and Review                                     | US        | Mixed methods: structured interviews and analysis of patient-level enhanced administrative data | To develop and test hypotheses about the impact of hospitalists on efficiency and quality of care relative to teaching teams. |
| The future of general medicine                                                                                  | Firth       | 2014 | Clinical Medicine                                                    | UK        | Commentary                                                                                      | To discuss what is good about general medicine, what is bad and make suggestions for improvement.                             |
| Hospitalists as cure for hospitalism                                                                            | Goldman     | 2003 | Transactions of the American Clinical and Climatological Association | US        | Commentary                                                                                      | To discuss the benefits of hospitalists in the different areas.                                                               |

| Title                                                                                                          | Author                                                           | Year | Journal                           | Location | Design                                        | Brief Summary                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------|-----------------------------------|----------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Professional boundary work in the face of change to generalist working in community nursing in Scotland        | Gray et al                                                       | 2011 | Journal of Advanced Nursing       | UK       | Qualitative: focus groups                     | To explore how community nurses and managers constituted changes towards generalist working.                                                                          |
| Hospital medicine's evolution: literature search and interview study with practices                            | Greenwald et al                                                  | 2011 | The Permanente Journal            | US       | Qualitative: literature review and interviews | To explore Kaiser Permanente (KP) hospitalists and physician leaders and KP and non-KP subject-matter experts on their priorities, concerns and successful practices. |
| Guiding patients through complexity: modern medical generalism                                                 | Royal College of General Practitioners and the Health Foundation | 2011 | NA - Institutional report         | UK       | Grey literature                               | Report on commission inquiry on the role, value and future of generalism in the UK.                                                                                   |
| Medical workforce planning: comparing reality with aspirations                                                 | Hamilton and Wilson                                              | 2000 | Journal of Management in Medicine | UK       | Quantitative: analysis of workforce data      | To discuss issues around workforce planning during service reorganisation.                                                                                            |
| The NHS revolution: health care in the market place. Medical generalists: connecting the map and the territory | Heath and Sweeney                                                | 2005 | BMJ                               | UK       | Commentary                                    | To explore the role of the medical generalist and consider how this might be affected by current NHS reforms.                                                         |

| Title                                                                                                        | Author   | Year | Journal                                      | Location                 | Design                                            | Brief Summary                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------|----------|------|----------------------------------------------|--------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute medicine – an alternative take                                                                         | Houghton | 2011 | Clinical Medicine                            | UK                       | Commentary                                        | To explore the role of a GP with a special interest in acute medicine working with secondary care.                                                                                                                           |
| What’s special about medical generalism?<br>The RCGP’s response to the Independent Commission on Generalism  | Howe     | 2012 | British Journal of General Practice          | UK                       | Grey literature                                   | To summarise the findings from a consultation of GPs conducted following publication of the report and address the question: ‘What is the essence of medical generalism, and where is it most needed in our health system?’. |
| Genecialist manifesto: overcoming the “class struggle” in medicine                                           | Iwata    | 2013 | International Journal of General Medicine    | Not specified            | Commentary                                        | To explore the potential of a new term to solve the divide/tension between generalist and specialist.                                                                                                                        |
| The hospitalist movement – a complex adaptive response to fragmentation of care in hospitals                 | Kheng    | 2008 | Annals of the Academy of Medicine, Singapore | US, Canada and Singapore | Commentary                                        | To examine the phenomenon of the hospitalist movement in the US, Canada and Singapore.                                                                                                                                       |
| Determining the professional attributes of a hospitalist: experience in one Australian metropolitan hospital | Kingston | 2005 | Internal Medicine Journal                    | Australia                | Quantitative: analysis of patient admissions data | To explore and determine the professional attributes of a hospitalist by reviewing caseload of a General Medical Unit.                                                                                                       |

| Title                                                                                | Author        | Year | Journal                                  | Location | Design                                         | Brief Summary                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------|---------------|------|------------------------------------------|----------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Growth in the care of older patients by hospitalists in the United States            | Kuo           | 2009 | The New England Journal of Medicine      | US       | Quantitative: analysis of Medicare claims data | To identify the number of physicians in general internal medicine, calculate the percentage of all inpatient Medicare services provided by hospitalists, and identify patient and hospital characteristics associated with the receipt of hospitalist services. |
| Training medical practitioners: which comes first, the generalist or the specialist? | Leinster      | 2014 | Journal of the Royal Society of Medicine | UK       | Commentary                                     | To review training and explore the need for generalists.                                                                                                                                                                                                        |
| Hospitalists for the NHS?                                                            | Mainous et al | 2000 | Journal of the Royal Society of Medicine | UK       | Commentary                                     | To consider the role of hospitalists within the NHS.                                                                                                                                                                                                            |
| The complex patient: A concept clarification                                         | Manning       | 2017 | Nursing and Health Sciences              | UK       | Literature review                              | To review the definition of complex patient and its implications for practice, research, and theory.                                                                                                                                                            |



| Title                                                                                            | Author               | Year | Journal                             | Location        | Design                                                             | Brief Summary                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------|----------------------|------|-------------------------------------|-----------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 'Black sheep in the herd'? The role, status and identity of generalist doctors in secondary care | Muddiman et al       | 2016 | Health Services Management Research | UK              | Mixed-method: longitudinal evaluation using focus groups           | To evaluate the two-year postgraduate broad-based training (BBT) programme for doctors recently piloted in England - the programme provided 6-month placements in four specialties (general practice, core medicine, psychiatry and paediatrics) to develop broad-based practitioners adept at managing complex and specialty integration. |
| The compatibility of future doctors' career intentions with changing health care demands         | van Offenbeek et al  | 2006 | Medical Education                   | The Netherlands | Mixed method: expert interviews, feedback round and questionnaires | To categorise medical students' prevailing career intentions and to examine to what extent newly proposed medical occupations that may be part of the transformation process correspond with these career intentions.                                                                                                                      |
| The evolution and future of hospital medicine                                                    | O'Leary and Williams | 2008 | Mount Sinai Journal of Medicine     | US              | Commentary                                                         | To provide an overview of the hospitalist movement in the USA, remaining challenges and opportunities.                                                                                                                                                                                                                                     |
| The scientific basis of medical generalism                                                       | Pereira Gray         | 2017 | Education for Primary Care          | UK              | Commentary                                                         | To summarise three research studies showing that psychosocial factors affect the body and influence whether patients live or die, and to highlight the value of generalists.                                                                                                                                                               |

| Title                                                                                                                        | Author         | Year | Journal                                 | Location    | Design                                             | Brief Summary                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------|----------------|------|-----------------------------------------|-------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General physicians: born or made? The use of a tracking database to answer medical workforce questions                       | Poole et al    | 2009 | Internal Medicine Journal               | New Zealand | Quantitative: questionnaires and tracking database | To use a tracking database to investigate the perceived influence of various factors on career choices of New Zealand medical graduates and to examine specifically whether experiences at medical school may have an effect on a decision to become a general physician. |
| Generalist solutions to complex problems: generating practice-based evidence – the example of managing multi-morbidity       | Reeve et al    | 2013 | BMC Family Practice                     | UK          | Commentary                                         | To outline a process for generating practice-based evidence of generalist solutions to the complex problem of person-centred care for people with multi-morbidity.                                                                                                        |
| Whither the pulmonary ward attending? Preserving subspecialty exposure in United States internal medicine residency training | Santhosh et al | 2017 | Annals of the American Thoracic Society | US          | Commentary                                         | To argue for more rigorous research to track the trends and implications of the generalist–specialist balance of inpatient ward teams on resident career choices, and learn what interventions affect those choices.                                                      |

| Title                                                                                                                 | Author           | Year | Journal                              | Location | Design                                     | Brief Summary                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------|------------------|------|--------------------------------------|----------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A qualitative evaluation of geographical localization of hospitalists: how unintended consequences may impact quality | Singh et al      | 2014 | Society of General Internal Medicine | US       | Qualitative: evaluation using focus groups | To determine the impact of geographic localisation of hospitalist teams by evaluating the perceptions of hospitalists (faculty and physician assistants) localised to a single nursing unit and the nurses who staffed that unit. |
| Response to David Meltzer's paper, Hospitalists and the doctor-patient relationship, 30 J. Legal Stud. 615 (2001)     | Wachter          | 2001 | HeinOnline                           | US       | Commentary                                 | To comment on the role and value of hospitalists in the UK – argues that it is the latest example of the tension between generalist and specialists.                                                                              |
| Renaissance of hospital generalists                                                                                   | Wachter and Bell | 2012 | BMJ                                  | UK/ USA  | Commentary                                 | To examine the factors behind the rise of hospitalist and acute medicine and how the differing national healthcare systems have influenced their structure.                                                                       |

| Title                                                                                                                                     | Author            | Year | Journal                      | Location | Design                                                             | Brief Summary                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|------------------------------|----------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Do hospitalist physicians improve the quality of inpatient care delivery? A systematic review of process, efficiency and outcome measures | White and Glazier | 2011 | BMC Medicine                 | US       | Literature review: systematic review of 65 comparative evaluations | To summarise the findings from 65 comparative evaluations to determine whether hospitalists provide a higher quality of inpatient care relative to traditional inpatient physicians who maintain hospital privileges with concurrent outpatient practices. |
| A hospitalist postgraduate training program for physician assistants                                                                      | Will et al        | 2010 | Journal of Hospital Medicine | US       | Commentary                                                         | To describe the need for non-physician providers to cover for lack of hospitalists and present a postgraduate PA training programme in hospital medicine.                                                                                                  |
| Why geriatric medicine? A survey of UK specialist trainees in geriatric medicine                                                          | Fisher et al      | 2017 | Age and Ageing               | UK       | Quantitative: survey analysis                                      | To explore whether the reasons for choosing a career in geriatric medicine in the UK had changed over time, with the goal of using this knowledge to inform recruitment and training initiatives.                                                          |
| Improving the quality of care for medical inpatients by placing a higher priority on ward rounds                                          | Soliman et al     | 2013 | Clinical Medicine            | UK       | Mixed method: focus groups and questionnaire                       | To investigate improving patient care by changing consultants' work patterns and placing a higher priority on the ward rounds.                                                                                                                             |

| Title                                                                                                        | Author            | Year | Journal                   | Location | Design                                              | Brief Summary                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------|-------------------|------|---------------------------|----------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Needs of the many: Northern Ontario School of Medicine students' experience of generalism and rural practice | Strasser and Cheu | 2018 | Canadian Family Physician | Canada   | Mixed method: reports on semi-structured interviews | To explore the Northern Ontario School of Medicine (NOSM) student and graduate experience of generalism in rural practice, in the context of a growing discourse on generalism. |
| Making less popular medical jobs more attractive                                                             | Oliver            | 2018 | BMJ                       | UK       | Commentary                                          | To discuss issues of prestige amongst different specialisms.                                                                                                                    |
| Exploring the generalist-subspecialist interface in internal medicine                                        | Linzer et al      | 2006 | APM Perspectives          | USA      | Commentary                                          | To discuss proposals for referrals and co-management between medicine sub-specialists and general internists.                                                                   |
| Training in general medicine – are juniors getting enough experience?                                        | Mason et al       | 2013 | Clinical Medicine         | UK       | Quantitative: survey analysis                       | To provide data on the current experience of medical trainees in general medicine.                                                                                              |

| Title                                                                                                                                                          | Author        | Year | Journal                                               | Location  | Design                                                                        | Brief Summary                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------|-------------------------------------------------------|-----------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A comparison of outcomes resulting from generalist vs specialist care for a single discrete medical condition: a systematic review and methodological critique | Smetana et al | 2007 | Archives of Internal Medicine                         | USA       | Literature review                                                             | To provide a methodological critique of studies of clinical outcomes for generalist versus specialist care for diagnoses.                                                             |
| Rural general physicians: improving access and reducing costs of health care in the bush                                                                       | Quilty et al  | 2014 | Australian Health Review                              | Australia | Quantitative: retrospective review of clinical and non-clinical outcomes data | To assess the effectiveness of the introduction of a trainee specialist physician into the workforce mix of a rural hospital in the Northern Territory.                               |
| Good housekeeping: 8 ways to make a hospitalist service succeed                                                                                                | Knapp         | 2009 | MGMA Connexion (Medical Group Management Association) | US        | Commentary                                                                    | To provide tips on implementing a successful hospitalist service.                                                                                                                     |
| A qualitative analysis of patients' experience with hospitalist service handovers                                                                              | Wray et al    | 2016 | Journal of Hospital Medicine                          | US        | Qualitative: interviews                                                       | To describe hospitalised patients' experiences regarding inpatient service changes, and to develop a conceptual framework to inform future efforts to improve service-level handoffs. |

| Title                                                                                                                | Author             | Year | Journal                                            | Location | Design                                                        | Brief Summary                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|--------------------|------|----------------------------------------------------|----------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hospitalists: a chief nursing officer's perspective                                                                  | Olender            | 2005 | The Journal of Nursing Administration              | US       | Commentary                                                    | To highlight the role of the chief nursing officer in proactively encouraging the design and implementation of a hospitalist-nurse manager patient-centred care delivery model.                                                                                                                                    |
| Is there a geriatrician in the house? Geriatric care approaches in hospitalist programs                              | Wald et al         | 2006 | Journal of Hospital Medicine                       | US       | Quantitative: cross-sectional survey of hospitalist community | To determine the impact of the hospitalist movement on acute care geriatrics.                                                                                                                                                                                                                                      |
| Roles of obstetrician-gynecologist hospitalists with changes in the obstetrician-gynecologist workforce and practice | Tessmer-Tuck et al | 2015 | Obstetrics and Gynecology Clinics of North America | US       | Commentary                                                    | To identify and review several challenges in the obstetrician-gynaecologist workforce and practice, and how these challenges impact the evolution of the obstetrician-gynaecologist hospitalist movement.                                                                                                          |
| Invited article: Is it time for neurohospitalists?                                                                   | Freeman et al      | 2008 | Neurology                                          | US       | Literature review                                             | To answer five questions: <ul style="list-style-type: none"> <li>• What is a neurohospitalist?</li> <li>• How many neurohospitalists practise in the US?</li> <li>• What are potential advantages of neurohospitalists?</li> <li>• What are the challenges of implementing a neurohospitalist practice?</li> </ul> |

| Title                                                                                                                      | Author               | Year | Journal                                            | Location  | Design                                                       | Brief Summary                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------|----------------------|------|----------------------------------------------------|-----------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                            |                      |      |                                                    |           |                                                              | <ul style="list-style-type: none"> <li>What effect does a neurohospitalist have on clinical outcomes?</li> </ul>                                                                                                                                                                               |
| Physician attitudes toward and prevalence of the hospitalist model of care: results of a national survey                   | Auerbach et al       | 2000 | The American Journal of Medicine                   | US        | Quantitative: multivariate analysis of telephone survey data | To determine the availability and utilisation of, and attitudes to, the hospitalist model in the US.                                                                                                                                                                                           |
| A history of the hospitalist movement                                                                                      | Messler and Whitcomb | 2015 | Obstetrics and Gynecology Clinics of North America | US        | Commentary                                                   | To summarise the history of hospitalist and obstetrician-gynaecologist hospitalist movements.                                                                                                                                                                                                  |
| Bringing continuing medical education to the bedside: The University of California, San Francisco Hospitalist Mini-College | Sehgal et al         | 2014 | Journal of Hospital Medicine                       | US        | Quantitative: survey-based evaluation                        | To describe the development, content, outcomes and lessons from a three-day course that brings adult learners to the bedside for small group learning focused on areas relevant to hospitalists (to address the fact that hospitalist competencies have not been built into medical training). |
| Bringing generalists into the hospital: outcomes of a family medicine hospitalist model in Singapore                       | Hock et al           | 2011 | Journal of Hospital Medicine                       | Singapore | Quantitative: retrospective cohort study                     | To assess a newly introduced hospitalist care model in a Singapore hospital.                                                                                                                                                                                                                   |



| Title                                                                                              | Author              | Year | Journal                                                  | Location     | Design                                                                     | Brief Summary                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------|---------------------|------|----------------------------------------------------------|--------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Effect of hospitalist attending physicians on trainee educational experiences: a systematic review | Narajan             | 2009 | Journal of Hospital Medicine                             | US           | Literature review: systematic review                                       | To characterise the effects of hospitalists on trainee education.                                                                                                                                                                   |
| Trends in inpatient continuity of care for a cohort of Medicare patients 1996-2006                 | Fletcher et al      | 2011 | Journal of Hospital Medicine                             | US           | Quantitative: retrospective cohort study                                   | To examine the extent of inpatient discontinuity (being seen by more than one generalist physician) during hospitalisation for selected patients.                                                                                   |
| Effective management of hospitalized patients – established role of hospitalists in the USA        | Izakovic            | 2006 | Bratislavské lekárske listy (Bratislava Medical Journal) | US/ Slovakia | Mixed method: literature review and analysis of hospitalist programme data | To summarise and present benefits of effective management of inpatients in US hospitals by hospitalists and discuss the possible implications for the healthcare system in Slovakia.                                                |
| The hospitalist model: does it enhance health care quality?                                        | Harrison and Curran | 2009 | Journal of Health Care Finance                           | US           | Quantitative: logistic regression study                                    | To examine those organisations using the hospitalist model for inpatient care.                                                                                                                                                      |
| Hospitalist recruitment and retention (book)                                                       | Simone              | 2010 | Wiley-Blackwell                                          | US           | Book                                                                       | To guide various members of staff through the recruitment and retention process and to analyse current trends in hospitalist medicine and explore factors contributing to the challenges associated with recruitment and retention. |

| Title                                                                                                                          | Author            | Year | Journal                       | Location | Design                                            | Brief Summary                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------------------------|----------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| How physicians perceive hospitalist services after implementation                                                              | Auerbach et al    | 2003 | Archives of Internal Medicine | US       | Quantitative: cross-sectional survey              | To summarise physician attitudes of the hospitalist model before and after implementation.                                         |
| Provider expectations and experiences of co-management                                                                         | Hinami et al      | 2011 | Journal of Hospital Medicine  | US       | Quantitative: survey data analysis                | To characterise the expectations and experiences before and after the introduction of a hospitalist co-management model.           |
| Management of neutropenic fever during a transition from traditional haematology/oncology service to hospitalist care          | Raghavendra et al | 2014 | Wisconsin Medical Journal     | US       | Quantitative: analysis of patient medical records | To document and compare changes in inpatient management and patient outcomes between haematologists/ oncologists and hospitalists. |
| Comparison of practice patterns of hospitalists and community physicians in the care of patients with congestive heart failure | Roytman et al     | 2008 | Journal of Hospital Medicine  | US       | Quantitative: retrospective chart review          | To compare the practice of hospitalist and community physicians in the care of patients with congestive heart failure.             |

| Title                                                                                                                   | Author                | Year | Journal                                 | Location | Design                                                         | Brief Summary                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------|------|-----------------------------------------|----------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outcomes of patients with acute decompensated heart failure managed by cardiologists versus non-cardiologists           | Uthamalingam et al    | 2015 | American Journal of Cardiology          | US       | Quantitative: multivariate analysis of discharged patient data | To compare practice patterns of cardiologist, hospitalists and non-hospitalists caring for patients with acute decompensated heart failure (ADHF).                                                                          |
| Integrating pediatric hospitalists in the academic health science center: practice and perceptions in a Canadian center | Mahant et al          | 2010 | Journal of Hospital Medicine            | Canada   | Quantitative: cross-sectional survey                           | To explore the characteristics, practice, perceptions and contributions of paediatric hospital medicine in an academic health science centre (AHSC).                                                                        |
| Enabling occupational therapy: moving beyond the generalist vs specialist debate in community mental health             | Michetti and Dieleman | 2014 | British Journal of Occupational Therapy | Canada   | Commentary                                                     | To move beyond the debate of generalist/specialists roles and propose that occupational therapists can define their role and increase awareness of the profession's value by demonstrating leadership in everyday practice. |

| Title                                                                                                                                                            | Author             | Year | Journal                            | Location  | Design                                                                     | Brief Summary                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------|------------------------------------|-----------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Organisation of services for people with cardiovascular disorders in primary care: transfer to primary care or to specialist-generalist multidisciplinary teams? | Price et al        | 2014 | BMC Family Practice                | UK        | Literature review                                                          | To argue that a collaborative, multidisciplinary approach to shifting care for some people with cardiovascular problems from primary to secondary care is required to achieve high-quality outcomes from cardiovascular care in the primary setting.                                    |
| The use of hospitalists by small rural hospitals: Results of a national survey                                                                                   | Casey et al        | 2014 | Medical Care Research and Review   | US        | Quantitative: national survey analysis                                     | To examine the reasons for using hospitalists, characteristics of hospitalist practices, and the impacts of hospitalist use in rural settings.                                                                                                                                          |
| Job stress and burnout among urban and rural hospital physicians in Japan                                                                                        | Saijo et al        | 2013 | Australian Journal of Rural Health | Japan     | Quantitative: cross-sectional questionnaires                               | To elucidate the differences in job stress and burnout status of Japanese hospital physicians between large cities, small cities, and towns and villages.                                                                                                                               |
| Evidence for the acceptability and academic success of an innovative remote and rural extended placement                                                         | Wilson and Cleland | 2008 | Rural and Remote Health            | Australia | Mixed-method pilot study: questionnaires, focus groups and assessment data | To identify why fourth-year medical students chose an extended remote and rural option within a degree programme which includes a short compulsory period of remote and rural practice – because this was a novel option, the study also looks at the academic performance of the first |

| Title                                                                                                                   | Author         | Year | Journal                              | Location | Design                                                           | Brief Summary                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------|----------------|------|--------------------------------------|----------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                         |                |      |                                      |          |                                                                  | cohort of students to ensure quality control of teaching and learning                                                                                              |
| Physician attitudes toward and prevalence of the hospitalist model of care: results of a national survey                | Auerbach et al | 2000 | The American Journal of Medicine     | US       | Quantitative: multivariable analysis of telephone survey results | To determine the availability and utilisation of, as well as physician attitudes toward, the hospitalist model in the US.                                          |
| On educating and being a physician in the hospitalist era                                                               | Benson         | 2001 | The American Journal of Medicine     | US       | Commentary                                                       | To discuss the implications of the hospitalist movement for the education of physicians and their interactions with colleagues and patients.                       |
| Resuscitation decisions among hospital physicians and intensivists                                                      | Brims et al    | 2009 | Clinical Medicine                    | UK       | Quantitative: questionnaires                                     | To examine the differences in CPR decision-making among senior hospital clinicians.                                                                                |
| The role of the 'specialist' in healthcare                                                                              | Britnel        | 2011 | Clinical Medicine                    | UK       | Commentary                                                       | To outline the need for more integration between specialists and generalists.                                                                                      |
| Complexity in graduate medical education: a collaborative education agenda for internal medicine and geriatric medicine | Chang et al    | 2014 | Journal of General Internal Medicine | US?      | Commentary                                                       | To propose a strategy for long-term collaboration in three priority areas in clinical medicine: team-based care, transitions and readmissions, and multi-morbidity |

| Title                                                                                                                       | Author             | Year | Journal                             | Location | Design                                 | Brief Summary                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------|------|-------------------------------------|----------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Career choices of junior doctors: is the physician an endangered species?                                                   | Chaudhuri et al    | 2006 | Clinical Medicine                   | UK       | Quantitative: national survey analysis | To explore F1, F2 and medical registrars' enjoyment of medicine, overall satisfaction, career aspirations, influencing factors and perceptions of the medical registrar.                                                            |
| The acute medical take: an outpatient specialty                                                                             | Connolly and Hamad | 2008 | Clinical Medicine                   | UK       | Commentary                             | To argue for emergency outpatient clinics to provide gold standard emergency care by providing structure to the acute take, ensuring access to the most appropriate specialist and training opportunities for junior medical staff. |
| Factors supporting good partnership working between generalist and specialist palliative care services: a systematic review | Gardiner et al     | 2011 | British Journal of General Practice | UK       | Systematic review                      | To explore factors that support partnership working between specialist and generalist palliative care providers.                                                                                                                    |
| The NHS reforms: what they will mean for generalist and specialist clinicians                                               | Gerada et al       | 2011 | British Journal of General Practice | UK       | Commentary                             | To ask six professional leaders for their views on how they see the specialties working with primary care in the future.                                                                                                            |

| Title                                                                                                                   | Author              | Year | Journal                              | Location     | Design                        | Brief Summary                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------|---------------------|------|--------------------------------------|--------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Staying in the game: the 10-step approach to sustaining geriatrics education in hospitalists and subspecialty providers | Gillespie et al     | 2014 | The American Geriatrics Society      | US           | Commentary                    | To identify 10 strategies and initiatives to “stay in the geriatrics game” by training hospitalists and subspecialty providers. |
| Developing generalism in the South African context                                                                      | Howe et al          | 2013 | South African Medical Journal        | South Africa | Commentary                    | To argue for the need to develop generalism in the South African context.                                                       |
| Generalist plus specialist palliative care – creating a more sustainable model                                          | Quill et al         | 2013 | New England Journal of Medicine      | US           | Commentary                    | To discuss a potential new approach to palliative care model.                                                                   |
| Geriatric medicine: the Wirral experience                                                                               | Francis and Barrett | 2007 | Clinical Medicine                    | UK           | Commentary                    | To describe the Wirral geriatric model and its collaboration with acute medicine.                                               |
| What effect does increasing inpatient time have on outpatient-oriented internist satisfaction?                          | Saint et al         | 2003 | Journal of General Internal Medicine | US           | Quantitative: survey analysis | To explore what impact the time spent in the hospital seeing inpatients has on physician satisfaction, burnout and stress.      |

| Title                                                                                                 | Author        | Year | Journal                                 | Location                                 | Design                                                    | Brief Summary                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------|---------------|------|-----------------------------------------|------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The impact of a hospitalist on role boundaries in an orthopedic environment                           | Webster et al | 2012 | Journal of Multidisciplinary Healthcare | US                                       | Qualitative: interviews                                   | To examine the experiences of staff across several professional backgrounds in working with a hospitalist in an orthopaedic environment.                                                                                 |
| Internal medicine resident self-report of factors associated with career decisions                    | West et al    | 2009 | Journal of General Internal Medicine    | US                                       | Quantitative: cross-sectional survey                      | To evaluate factors self-reported by internal medicine residents nationally as important to their career decisions.                                                                                                      |
| Generic and specialist nursing roles in the community: an investigation of professional and lay views | McKenna et al | 2003 | Health and Social Care in the Community | Northern Ireland/<br>Republic of Ireland | Mixed-method: focus groups, interviews and questionnaires | To investigate the perceptions of community nurses, general practitioners (GPs), members of the public and senior strategists/policy makers in relation to specialist and generalist nursing roles in community nursing. |