The Future of Nursing Education in Wales
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreword</td>
<td>4</td>
</tr>
<tr>
<td>The Future of Nursing Education in Wales</td>
<td>5</td>
</tr>
<tr>
<td>Introduction</td>
<td>5</td>
</tr>
<tr>
<td>Strategic Context</td>
<td>5</td>
</tr>
<tr>
<td>Population Factors and Care Settings</td>
<td>5</td>
</tr>
<tr>
<td>Professional Factors</td>
<td>6</td>
</tr>
<tr>
<td>Digital Technology and Analytics</td>
<td>7</td>
</tr>
<tr>
<td>Policy and Legislative Context</td>
<td>7</td>
</tr>
<tr>
<td>The Voice of Nursing in Wales</td>
<td>7</td>
</tr>
<tr>
<td>Overarching Themes</td>
<td>7</td>
</tr>
<tr>
<td>Care and Compassion</td>
<td>9</td>
</tr>
<tr>
<td>Knowledge Generation and Implementation</td>
<td>13</td>
</tr>
<tr>
<td>Resilience</td>
<td>18</td>
</tr>
<tr>
<td>Bibliography</td>
<td>22</td>
</tr>
<tr>
<td>Education Summit Programme Contributors</td>
<td>23</td>
</tr>
<tr>
<td>Authoring Contributors and Critical Friends</td>
<td>23</td>
</tr>
<tr>
<td>Education Summit Attendees</td>
<td>23</td>
</tr>
<tr>
<td>Glossary of Terms</td>
<td>24</td>
</tr>
</tbody>
</table>
Foreword

The role of the nurse is constantly evolving in order to meet the changing needs of health service provision and the changing needs of patients, their families and carers. What is required therefore is a highly skilled, motivated and engaged workforce which strives constantly to improve patient care. Education, which begins with pre-registration courses (or at induction for health care support workers) and persists over the entire career of every nurse, is fundamental to achieving such a workforce.

Qualifying as a nurse involves an undergraduate programme (BSc Hons Nursing). Each Student Nurse must have evidence of having completed 2,300 hours of study and 2,300 hours of clinical practice; achievement of all academic requirements and clinical competencies and a signed declaration of good health and good character from the university prior to becoming a registrant of the Nursing and Midwifery Council (NMC). The Council has a statutory duty to protect the public through regulating nurses by setting standards of education, training, conduct and performance so that nurses and midwives can deliver high quality healthcare throughout their careers.

In 2000, A strategic plan for nursing, midwifery and health visiting education in Wales was published. It was called “Creating the potential” (National Assembly for Wales, 2000). Predicated on the need to ensure that service delivery and patient care were of the highest quality for the people in Wales, the main aim of that strategy was:

“To ensure that all nurses, midwives and health visitors develop their practice in a reflective and evidence based manner, founded upon a standard of education which enables them to practise as equal partners with other healthcare professionals, supported by continuing professional development and clinical supervision.”

Many of the recommendations of that strategy have been achieved, for example the Registered Nursing workforce is educated to degree level so that the needs of patients and their families can be met by individuals who have the correct blend of intellectual skills and clinical competencies. Those achievements need to be built upon in order to ensure that new ways of preparing nurses and their support workers are developed to meet the challenges of the next decade and beyond.

In this strategy, the educational needs of the current and future workforce are addressed. The next generation of nurses need an education which is future-proofed, resulting in nurses who have developed the intellectual skills of problem-solving, clinical decision making, professional judgment and research appraisal and application together with the essential clinical competencies, knowledge and attitudes. Education of the current nursing workforce, however, is also crucially important because:

• It will fall to the current workforce to encourage, mentor and educate student nurses;
• It is essential that nurses and health care support workers are constantly and consistently supported throughout education and training to be able to meet changing service needs and new models of care;
• Registered Nurses are required; as a condition of revalidation to demonstrate the way in which their professional development has impacted on patient care.

It is intended that this Education Strategy will be a key enabler for ensuring that appropriate education, training and preparation underpins nursing practice for the future.

The Royal College of Nursing in Wales is indebted to Professor Donna Mead OBE, OStJ, FRCN, Welsh Board Member for her leadership in articulating the views of the profession across Wales in order to produce this important strategy. The RCN in Wales would like to thank all those who engaged in the process. Particular thanks are afforded to Professor Mark Drakeford AM Minister for Health and Social Services for agreeing to consider the strategy and its recommendations which set an important direction for both for nurse education and patient care.

Gaynor Jones
Chair, Royal College of Nursing in Wales

Tina Donnelly, CBE
Director, RCN Wales

The Royal College of Nursing in Wales represents both nurses and nursing, promotes excellence in practice and shapes health policies. Its charter objectives include:

“Promoting the science and art of nursing and the better education and training of nurses and their efficiency in the profession of nursing” and “promoting the advancement of nursing as a profession in all or any of its branches”.

The aspiration of this Royal College of Nursing Wales Education Strategy is that patients and those accessing health and care services in Wales should receive the highest quality of care regardless of the type of care or setting in which it is delivered. Realising this aspiration requires resilient and flexible nurses and health care support workers (HCSW) who have received the appropriate education and development to enable them to deliver care which is compassionate, evidence-based, prudent and safe and which impacts positively on both patient outcomes and experience.

In addition to a commitment to patients, the RCN has a key role in supporting nurses and HCSW to attain the necessary education and skills as part of its remit in supporting and valuing nurses. Research exists which demonstrates that when staff are supported emotionally and professionally, they feel valued and nurtured which, in turn, results in staff who are more likely to remain in nursing and to deliver safe and compassionate care.

1. Introduction

The Royal College of Nursing (RCN) represents both nurses and nursing, promotes excellence in practice and shapes health policies. Its charter objectives include:

“Promoting the science and art of nursing and the better education and training of nurses and their efficiency in the profession of nursing” and “promoting the advancement of nursing as a profession in all or any of its branches”.

The aspiration of this Royal College of Nursing Wales Education Strategy is that patients and those accessing health and care services in Wales should receive the highest quality of care regardless of the type of care or setting in which it is delivered. Realising this aspiration requires resilient and flexible nurses and health care support workers (HCSW) who have received the appropriate education and development to enable them to deliver care which is compassionate, evidence-based, prudent and safe and which impacts positively on both patient outcomes and experience.

In addition to a commitment to patients, the RCN has a key role in supporting nurses and HCSW to attain the necessary education and skills as part of its remit in supporting and valuing nurses. Research exists which demonstrates that when staff are supported emotionally and professionally, they feel valued and nurtured which, in turn, results in staff who are more likely to remain in nursing and to deliver safe and compassionate care.

2. Strategic Context

The principles which have guided the development of the strategy include:

Population Factors and Care Settings

2.1 While the principles and values which underpin nursing have not changed, nursing practice has changed dramatically over the last decade. As our population becomes older and the number of individuals living with chronic conditions increases, the needs of patients and their families are becoming more complex. This has resulted in nurses in acute settings managing an increasingly complex range of interventions that incorporate advances in technology and disease management whilst nurses in primary and community care settings manage the increasing burden of chronic disease and support and encourage public self-management of their health.

2.2 The effects of lifestyle on the burden of disease are changing. Whilst cardiovascular disease is...
decreasing, mortality and morbidity from alcohol related diseases and other lifestyle issues such as obesity are increasing (CMO Wales, 2015). This emphasises the importance of public health in reducing the burden of disease and of coproduction, a component of prudent health care (Welsh Government, 2013), as an important cultural change toward achieving this.

2.3 Increasingly pathways of care encompass primary, community and acute health care settings as well as social care and the third sector. This increases the urgency for health and social care to become fully aligned and integrated.

2.4 More widely, the World Health Organization (WHO, 2015) highlight concerns relating to the shortfall of health workers globally and explore ways in which this might be addressed.

Professional Factors

2.5 The development of a health care workforce which will support the changes in health care delivery planned for NHS Wales will depend both on developing the existing and preparing the future workforce to work in new models of service delivery which will be required to meet changes in demand.

2.6 The evidence base for nursing skill mix and its effect on patient outcomes such as morbidity and mortality is compelling. The links between low staffing levels of registered/graduate nurses and a range of negative care outcomes has been demonstrated. These include increased mortality rates; adverse events after surgery; increased incidence of violence against staff; increased accident rates and patient injuries; increased cross infection rates and higher rates of pneumonia, gastrointestinal bleeding; cardiac arrest and urinary tract infections in hospital in-patients.

2.7 Whilst care and compassion are amongst the founding principles of professional nursing, it is important to understand that nursing is “knowledge work”. This term, first used by Drucker (Drucker, 1959), and which has been developed ever since, serves to differentiate between knowledge work and routine work. The work of the Registered Nurse is characterised by its emphasis on non-routine problem solving that requires creative thinking utilising an extensive knowledge base which is applied to a unique situation i.e. the assessment and needs of individual patients. It is this, and not just the task, which distinguishes professional nursing from the work of the support worker. Responsibility for the overall nursing care of a patient and clinical decision making lies with the Registered Nurse and cannot be delegated to, or substituted by other staff. This does not in any way diminish or devalue the work of the HCSW; their contribution to care is invaluable but it is different from that of the Registered Nurse. The two roles are not interchangeable but complimentary. Recent research has shown that the inappropriate substitution of a HCSW for a Registered Nurse increases the risk of poorer patient outcomes. These distinctions have already been explained in the Royal College of Nursing documents Defining nursing (Royal College of Nursing, 2014) and A summary of RCN policy positions: registered nurses and health care support workers (Royal College of Nursing, 2015).

2.8 Often a false distinction is made between clinical skills and “hands-on” care as requiring less knowledge. The complexity of patients’ care needs means that an apparently simple task such as washing a patient requires both skill and knowledge for it to be undertaken effectively. For nurses to make informed decisions about care, and to carry out their full range of activities, they must be there with their patients observing, monitoring and, equally important, assessing and doing, not relying on reports from other staff.

2.9 The development of a plethora of different nursing titles and overlapping roles confuses patients and public alike. In Wales the development of a career ladder for HCSW (with the widest possible access) is needed. It should include step on and step off points so that HCSW can be developed and provided with opportunities to enter the work force as graduate nurses. Such an initiative, as well providing essential training for staff, will create workforce resilience through HCSW who would be available to complete a Registered Nurse training in two years. (It takes up to four years to recruit and train graduate nurses).

2.10 Regulatory changes which introduce new nursing titles and overlapping roles confuses patients and public alike. In Wales the development of a career ladder for HCSW (with the widest possible access) is needed. It should include step on and step off points so that HCSW can be developed and provided with opportunities to enter the work force as graduate nurses. Such an initiative, as well providing essential training for staff, will create workforce resilience through HCSW who would be available to complete a Registered Nurse training in two years. (It takes up to four years to recruit and train graduate nurses).

2.11 Equipping the nursing workforce with the capability to deliver language and cultural competence in healthcare can improve service quality and effectiveness. Education and training programmes that reflect and address the bilingual context of Wales are essential.

Digital Technology and Analytics

2.12 New technology, and the way we use it is revolutionising health care. In the same way as Information Technology (IT) has made an enormous difference to commerce and industry, it is changing the practice of every nurse. In particular, health care is increasingly an information driven activity. Getting the right data and information to the right people at the right time in the right form to inform decisions and make a difference is now fundamental to our ability to improve the health both of the individual patient and populations. The consequence of not using these technologies is suboptimal care, inefficient use of resources, preventable clinical errors, and limitations on the ability of patients and the public to take responsibility for their own health and care.

Policy and Legislative Context

2.13 Existing policies and reports and new and future legislation have informed the content of the strategy. The policy/strategy documents which have informed this strategy include: A planned primary care workforce for Wales (Welsh Government, 2015), Aligning nursing skills guidance: an all Wales governance framework (NHS Wales Shared Services Partnership, 2014), A framework for the advanced nursing, midwifery and allied health professional practice in Wales (National Leadership and Innovations Agency for Healthcare, 2010), Health professional education investment review (Evans, 2015), Developing excellence in health care: an NHS Wales skills and career framework for health care support workers supporting nursing and allied health professions (NHS Wales, 2015), Trusted to care: Report of the external, independent review of the Princess of Wales Hospital and Neath Port Talbot Hospital at Abercawe, Brymorgannog Health Board (Andrews, 2014). Report of the external investigation into concerns regarding the care and treatment of patients: Acute Mental Health Unit, Glan Clwyd Hospital (Betsi Cadwaladr University Health Board, 2014); In search of accountability: a review of the neglected older people living in care homes investigated as Operation Jasmine (England), (Welsh Government, 2013).

Recent legislative changes affecting the context in which Welsh health care is planned and delivered have also informed the content of the strategy. These include the Social Services and Well-Being Act 2016, the Future Generations Act 2015, the Public Health Bill 2015 and the NurseStaffing Levels (Wales) Bill 2016 (both Bills are awaiting Royal Ascent).

3. The Voice of Nursing in Wales

To ensure this strategy reflects the professional voice of nursing in Wales and more broadly within the UK and Europe, an extensive programme of engagement with both practitioners and education providers has been carried out. Two education summits were held in order to obtain the views of nurses across Wales. Each summit comprised a series of presentations and workshops including a stocktake on developments in nurse education across Europe. The summits were iterative i.e. one was not a repeat of the other and they provided an opportunity to engage colleagues in developing the key components of the strategy. In addition through a process of critical friend review, recommendations have been received from nursing colleagues with particular expertise.

Key themes which persisted and survived critical review and debate over the two events have been grouped and categorised and these are set out in the Venn diagram overleaf.

Overarching Themes

3.1 Care and Compassion The need for nursing to reconnect with the public regarding its core values of care and compassion and the value of education being crucially important in both promoting professional values and leading to improvements in both patient outcomes and experiences.

3.2 Knowledge The importance of generating knowledge through research which can improve patient care. As important is the role of education in providing the tools to be effective in both applying and implementing knowledge to
eradicate or ameliorate the time lag between discovery and implementation.

3.3 Resilience  The health service of the future will require a workforce which is flexible and, importantly resilient, to enable the workforce to respond rapidly and appropriately as service delivery models develop and new roles are required. In particular patients with complex needs require, and consistently ask for, holistic care delivered by a nurse who can provide ‘whole person care’. Current undergraduate training militates against this due to curricula which are divided into four fields of nursing whilst post graduate nurse education has tended to be driven by professional aspirations to specialise. Furthermore, access to continuing professional development education (CPD) for nurses and HCSW is not guaranteed and nurses wishing to train for a particular role or develop along a particular career pathway can experience delays in obtaining education and often are required to self-fund. This in turn affects the ways in which nurses perceive their value as part of the health care team. It can also result in less than optimal skills and knowledge to underpin nurses’ work.

The points at which these key themes intersect provide the substance of what needs to be included in this strategy together with the role of education providers working in partnership with each other and service colleagues in the provision of education and training. Inevitably there is some overlap between such closely related and important themes. Workforce planning is seen as a key enabler which requires radical reform. This is considered alongside the Ministerial Written Statement following the publication of the Health professional education review (2015) and the Chancellor of the Exchequer’s announcement regarding the future funding of nurse education NHS England (2015).

Care and compassion are among the founding principles of professional nursing. These have never changed. Many recent high profile reports have emphasised the need for care to be patient centred and compassionate. It is no accident that the recent Willis report commissioned by Higher Education England (HEE) is entitled, “The shape of caring” (Willis, 2015). Evidence exists that healthy, well-supported and well-motivated staff improve the care experience and outcomes for patients. Therefore creating positive work environments, career opportunities, professional recognition and rewards for nurses is important. It leads to reduced sickness levels, encourages staff retention and continued engagement in the workplace and delivery of health care. If we have learned anything from recent reports into unacceptable practice, it is the way in which prolonged lack of CPD and clinical supervision, together with poor staffing levels and leadership can lead to an insidious deterioration in standards which spreads and becomes harmful for patients. When nurses can no longer take pride in their work a process of disengagement occurs which worsens the already pernicious effects on patient care and patient experience.

Key enablers for facilitating a nurturing work environment, one which fosters continued staff engagement and commitment, include systems for clinical supervision, mentorship and appraisal. These processes can be powerful in improving patient outcomes because they involve focusing on the achievements and learning development needs of staff and, in the case of clinical supervision, can be an important means of preventing work-related stress. Mentorship is most often associated with the preparation of undergraduate learners. Whereas particular arrangements must be in place for undergraduate students in order to comply with NMC requirements, mentorship arrangements should be available for all staff according to circumstances.

For patients whose first language or language of choice is Welsh, compassionate care, dignity and respect is realised by being able to communicate with health care professionals in Welsh. Workforce planning and particular arrangements must be in place for undergraduate students in order to comply with NMC requirements, mentorship arrangements should be available for all staff according to circumstances.
Foreword

Royal College of Nursing Wales Education Strategy 2016 - The Future of Nursing Education in Wales

Education becomes a key driver for promoting professional values and enhancing patient experiences and outcomes

Key Enablers

Clinical / Collegial Supervision
A methodically defined process for sharing concerns and ideas through a scheduled meeting and a structured process.

Mentorship
A relationship in which an individual nurtures another professionally defined values, knowledge & skills which ultimately result in a judgement being made regarding the mentee’s competence.

Appraisal
A means of assessing performance to make plans for correcting shortcomings, developing potential, and initiating training.

Skill Mix
Through levels of staffing and expertise, the creation of a supportive working environment which enables staff development to flourish.

Recommendations for Education Provision

1. Recommendations: Appraisal

Appraisal is not merely a review of past performance. It is a means of staff development in a service which depends on on-going development for the delivery of safe, effective care. Talking about the job and the work it involves can remind staff of why they wanted to do it in the first place. It gives nurses an idea of their worth and encourages them to develop their talents while helping them over difficulties. Appraisal can provide an opportunity to re-engage with the values and behaviours which underpin nursing care. To ensure appraisals are performed to the same standard throughout the organisation, appraisers need to be trained and a reasonable time set aside to undertake appraisal.

1.1. NHS organisations should aspire to have a 100% of its nursing and HCSW workforce undertaking appraisal. This provides the foundation for both individual and organisational development through planned education and training which meets both service needs and the needs of patients.

1.2. Ongoing education and training for appraisers is essential. Its content should go beyond the appraisal encounter to include leadership for embedding appraisal goals into organisational CPD plans.

2. Recommendations: Mentorship

There is robust evidence of the correlation between strong nursing leadership, the quality of learning environments and mentor effectiveness (Kings Fund 2012, RCN, 2012). Mentorship and clinical supervision should be the means by which staff continue to understand and realise their personal and professional obligations and commitment to creating a positive, compassionate culture of care (CTUHB, 2015).

2.1. An organisational culture which supports practice based learning needs to be developed and prioritised by those in key leadership roles. Nurses in leadership roles should be accountable for the support mechanisms for mentors.

2.2. Comprehensive organisational systems which support mentorship need to be built upon, further developed and prioritised.

3. Recommendations: MENTORSHIP FOR UNDERGRADUATE NURSE STUDENTS

Mentorship is included in the All Wales Initiative for undergraduate nurse education. The initiative is highly valued by both service and education colleagues. It has resulted in consistency of standards and competencies for mentorship.

3.1. The All Wales initiative should continue. Several new models for mentorship have been proposed (Willis, 2015). CYNGOR should consider evaluating the current approach to undergraduate nurse mentorship in Wales and make recommendations for future models.

3.2. The All Wales initiative could be further strengthened by establishing a mechanism to enable participation in a community of mentors which facilitates a shared and consistent approach to assessment and decision making through ongoing education involving case reviews and dissemination of good practice.

3.3. The quality of practice learning environments for nurses should be a Board level priority. Regular reporting to the Board should include:

- Placement metrics and data on mentor compliance with NMC Standards.
- National (Student Survey) and local analysis of student nurse placement evaluations including concerns raised by students about both the quality of care and mentorship.

3.4. The extent to which practice-based learning is valued and supported should be included in the NHS Wales staff survey and other relevant audits.

3.5. The RCN in Wales should consider how it can support Nurse Directors in ensuring appropriate Board level scrutiny of the practice learning environment.

3.6. A programme of research which addresses the impact of mentorship and appraisal on both patient outcomes and staff engagement should be commissioned.

3.7. The importance of mentorship should be recognised by including evidence of effective mentorship in RCN accreditation of advanced practice.

4. Recommendations: Skill Mix

Safe staffing and skill mix is determined by using appropriate professional judgement, guidance and tools to aid decision making. Setting staffing levels and skill mix depends on a range of factors including the clinical setting, patient acuity, the nature of clinical decision making and professional judgement being exercised. Guidance and tools exist to support the process which should aim to ensure the right number of staff with the appropriate skills to enable both safe patient care and the provision of a supportive environment. The process for determining appropriate staffing establishments for a clinical area

Recommendations for Education Provision

2.3. Sufficient time for mentorship should be a priority. This includes time for staff to benefit from the mentorship relationship and time to enable staff to gain mentorship skills. It is predicated upon the availability of appropriate education and training of mentors which includes experiential learning aligned with the NHS Wales’ staff psychological health and well-being resource (NHS Wales, 2014).

2.4. NHS Wales and the RCN should collaborate in the development of online resources to support mentors.

3. Recommendations: Mentorship for undergraduate student nurses

Mentorship is included in the All Wales Initiative for undergraduate nurse education. The initiative is highly valued by both service and education colleagues. It has resulted in consistency of standards and competencies for mentorship.

3.1. The All Wales initiative should continue. Several new models for mentorship have been proposed (Willis, 2015). CYNGOR should consider evaluating the current approach to undergraduate nurse mentorship in Wales and make recommendations for future models.

3.2. The All Wales initiative could be further strengthened by establishing a mechanism to enable participation in a community of mentors which facilitates a shared and consistent approach to assessment and decision making through ongoing education involving case reviews and dissemination of good practice.

3.3. The quality of practice learning environments for nurses should be a Board level priority. Regular reporting to the Board should include:

- Placement metrics and data on mentor compliance with NMC Standards.
- National (Student Survey) and local analysis of student nurse placement evaluations including concerns raised by students about both the quality of care and mentorship.

3.4. The extent to which practice-based learning is valued and supported should be included in the NHS Wales staff survey and other relevant audits.

3.5. The RCN in Wales should consider how it can support Nurse Directors in ensuring appropriate Board level scrutiny of the practice learning environment.

3.6. A programme of research which addresses the impact of mentorship and appraisal on both patient outcomes and staff engagement should be commissioned.

3.7. The importance of mentorship should be recognised by including evidence of effective mentorship in RCN accreditation of advanced practice.

4. Recommendations: Skill Mix

Safe staffing and skill mix is determined by using appropriate professional judgement, guidance and tools to aid decision making. Setting staffing levels and skill mix depends on a range of factors including the clinical setting, patient acuity, the nature of clinical decision making and professional judgement being exercised. Guidance and tools exist to support the process which should aim to ensure the right number of staff with the appropriate skills to enable both safe patient care and the provision of a supportive environment. The process for determining appropriate staffing establishments for a clinical area

Recommendations for Education Provision

2.3. Sufficient time for mentorship should be a priority. This includes time for staff to benefit from the mentorship relationship and time to enable staff to gain mentorship skills. It is predicated upon the availability of appropriate education and training of mentors which includes experiential learning aligned with the NHS Wales’ staff psychological health and well-being resource (NHS Wales, 2014).

2.4. NHS Wales and the RCN should collaborate in the development of online resources to support mentors.

3. Recommendations: Mentorship for undergraduate student nurses

Mentorship is included in the All Wales Initiative for undergraduate nurse education. The initiative is highly valued by both service and education colleagues. It has resulted in consistency of standards and competencies for mentorship.

3.1. The All Wales initiative should continue. Several new models for mentorship have been proposed (Willis, 2015). CYNGOR should consider evaluating the current approach to undergraduate nurse mentorship in Wales and make recommendations for future models.

3.2. The All Wales initiative could be further strengthened by establishing a mechanism to enable participation in a community of mentors which facilitates a shared and consistent approach to assessment and decision making through ongoing education involving case reviews and dissemination of good practice.

3.3. The quality of practice learning environments for nurses should be a Board level priority. Regular reporting to the Board should include:

- Placement metrics and data on mentor compliance with NMC Standards.
- National (Student Survey) and local analysis of student nurse placement evaluations including concerns raised by students about both the quality of care and mentorship.

3.4. The extent to which practice-based learning is valued and supported should be included in the NHS Wales staff survey and other relevant audits.

3.5. The RCN in Wales should consider how it can support Nurse Directors in ensuring appropriate Board level scrutiny of the practice learning environment.

3.6. A programme of research which addresses the impact of mentorship and appraisal on both patient outcomes and staff engagement should be commissioned.

3.7. The importance of mentorship should be recognised by including evidence of effective mentorship in RCN accreditation of advanced practice.
4.4 It should be a requirement that those responsible for commissioning undergraduate and postgraduate education for nurses can demonstrate achievement of an appropriate level of competence in workforce planning following appropriate education preparation.

4.5 Consideration should be given to removing the cap on student nurse commissioning numbers. This could result in an increased supply of nurses who, through access to student loans, will have more disposable income throughout training. Should the decision be to remove the cap on student numbers in Wales, consideration needs to be given to financial modelling which would alleviate potential financial hardship. Consideration is currently being given by the Welsh Government to develop a policy for repaying student loans of Welsh students if they work in Wales after graduating and student nurses could be a part of that policy development.

4.6 A pan Wales review of placement capacity is needed together with a plan to maximise placement opportunities. Removing the cap on student numbers has the potential to result in innovative and flexible programmes of study leading to registration and contributing to resilience. Such innovation is constrained by current commissioning processes.

4.7 Level One Welsh Language training should be a feature of commissioning in undergraduate and postgraduate education.

Knowledge Generation and Implementation

Nursing is an evidence-based profession that uses the latest and best research to improve nursing practice and patient outcomes. Nursing research is needed to generate knowledge and develop nursing care. The International Council of Nurses (ICN, 2007) describes research-based practice as the 'hallmark of professional nursing' and states that quality research is integral to best practice, evidence-based care and cost-effective health care. Nursing research has come a long way since the Briggs Report, (Briggs, 1972) which recommended that nursing should become a research-based profession.

The Research Excellence Framework (REF, 2014), which for the first time included a measure of the impact of research, demonstrated how outcomes for patients are being transformed by the research work of nurses. Nevertheless we need to ensure that there is capacity in both our universities and in service to continue to carry out ground breaking research.

Importantly we need to ensure that the connection between research, education and evidence-based practice is understood by all stakeholders and we need to strive to achieve even greater impact on patient care through research. For this to happen the barriers which prevent nurses combining a career in practice and research need to be removed. Opportunities for clinical academic careers need to be provided underpinned by courses which address clinical research, for example a Master's degree in Clinical Research (MClinRes) as well as conventional doctoral training.

As important is the understanding of the implications of research findings for practice and policy together with the ability implement research findings into practice.
FOREWORD

Build nursing research capacity in order to develop the scientific knowledge-base and the ability both to engage in critical inquiry and to implement research findings in practice.

GOAL

Develop Clinical Academic Partnerships together with appropriate education and clinical training, career pathways and accreditation.

KEY ENABLERS

- Advanced Practice and consultant nurse roles based on service needs and underpinned by innovative education programmes and accreditation.
- Accreditation applied to an organisation, a course or to a programme of clinical and academic experience which results in the acquisition of acknowledged competencies.
- Analytics increasing nurses and support workers understanding of and ability to use data and research findings in quality improvement.

RECOMMENDATIONS FOR EDUCATION PROVISION

1. Recommendations: Digital Technology and Analytics

Digital technology is now central to improving the quality of patient care whether this is through eHealth or health informatics. As well as having the potential to improve patient experience, these new technologies will make health care processes more prudent. Systems currently in use include patient administration systems, which in Wales includes the Welsh Clinical Portal and Myrdin. New technologies which the NHS in Wales is developing, in collaboration with NHS Wales Informatics Service, include (amongst others) electronic referral and discharge; the single patient electronic record (Master Patient Index) and the Community Care Information Solution (CCIS) which will enable information to be shared between health and social services. The Master Patient Index will be populated with data on patient care, treatment and experience, which will be invaluable to nurses in improving patient care if its potential and the ability to exploit it is understood. eHealth assists nurses in keeping up to date with new knowledge and is an important tool in supporting decision making. In addition, through technologies such as text alert patients can become empowered in managing their health care. Nurses and HCSW will have to learn new skills if IT is to fulfil its promise in improving nursing care (RCN, 2014).

1.1 All clinicians need to appreciate the relationships and differences between data, information and knowledge in health and how they contribute to the effective delivery of care and patient safety. Informatics, therefore should not be regarded only as a subject to be taught separately in the curriculum. It needs to be embedded into all curriculum content. Consideration needs to be given by both service and education providers as to how this might be achieved. This should include a review of the All Wales ICT curriculum content for undergraduate education.

1.2 There should be commissioned provision for nurses and HCSW which ensures a level of informatics literacy. Education provision should include information governance, clinical information systems, clinical record keeping, clinical coding, access to information and information sharing and the relationship between data, information and knowledge.

1.3 As health care is increasingly a data driven activity, nursing staff will need to keep abreast of emerging technologies. In particular, nursing staff need to ensure that they are involved in working with system developers to ensure new systems fit with nursing practice. Education provision, which addresses the skills necessary to work with system developers should be available.

2. Recommendations: Clinical Academic Careers

Clinical academic careers in health care are not a new phenomenon. They have existed in medicine and dentistry for some time. The clinical academic nurse is an individual who engages concurrently in clinical practice and research providing clinical and academic leadership in the pursuit of innovation and service improvement. Strong evidence exists on the benefit and return on investment of Registered Nurses who successfully combine clinical and academic work. (Department of Health, 2012). The Chief Nursing Officer for Wales has commissioned a pilot programme to develop clinical academic nursing staff in Wales. A successful pilot will need to address the following:

2.1 A strategy for clinical academics in Wales is needed. Its implementation would enable the service improvements which emanate from clinical academics to be realised. Such a strategy needs to be developed, endorsed and implemented by service and education providers working in collaboration. The strategy would need to address the following recommendations:

2.2 Workforce planning arrangements which identify the role and the critical mass required to enable service improvement needs to be established.

2.3 Sufficient capacity and capability of staff with appropriate academic competencies to lead research and supervise and mentor clinical academics is essential. A plan to develop sufficient numbers of staff with the appropriate academic qualifications and experience needs to be agreed and implemented as soon as possible.

2.4 Clinical academic positions and the programmes of inquiry which they will undertake should be considered a feature of University Health Board (Trust) status. Under the leadership of Nurse Directors, a network for driving forward this agenda should be established. As well as fostering the development of clinical academic careers, this network should have a key objective of integrating research and innovation across the nursing workforce.

2.5 The pathway to a clinical academic career should begin on qualifying or soon afterwards. A mechanism for accreditation of such pathways needs to be established.

2.6 Human Resources (HR) mechanisms which will enable clinical academics to work flexibly in both universities and care settings need to be established.

2.7 Programmes of inquiry predicated on improvement science should be agreed to provide a focus for grant applications and importantly to ensure that the quality of knowledge generation is sufficiently robust for integration into practice.
2.8 As an individual moves through the clinical academic pathway, appropriate education in the form of Masters degree in Clinical Research and professional doctorates will need to be established and funded.

3. Recommendations: Accreditation/Credentialing

Accreditation is a professionally-led supportive process involving both self and external peer assessment to assess the quality of clinical services in relation to established standards and to promote continuous quality improvement.

Accreditation can be applied to services, individuals or training pathways. The process of formal accreditation of competencies (which include knowledge, skills and performance) in a defined area of practice, provides confidence that the individual is fit to practise at a particular level.

In the absence of a consistent post registration regulatory framework, the Royal College of Nursing has a plan to influence the standards of nursing by credentialing advanced nursing practice. Advanced nursing practice frameworks are established in each of the UK countries. These, along with previous RCN work on specialist nursing and advanced nursing will form the basis of RCN advanced practice credentialing. The Welsh perspective on the design and implementation of the process of credentialing will be obtained through membership of the Advanced Practice Credentialing Advisory Group. In addition, an outstanding individual who meets a set of criteria, qualities, skills and attributes can be conferred an RCN Fellowship. These fellowships will represent an important means of demonstrating the value of nurses and nursing.

It is recommended that accreditation should also address:

3.1 Developing clear pathways for nurses from registration through to advanced level practice (including clinical academic pathways).

3.2 Defining the standards for the profession. This will include the educational requirements, the skills sets required for practice and the ability to influence the required output to be established and funded.

3.3 Working with partners, identify and set educational criteria and practice components for advanced level practice in different nursing specialties. A successful credentialing process for nurses has already been agreed with the Royal College of Emergency Medicine.

4. Advanced Practice and Consultant Nurse Roles: the full range and scope of nursing practice

Advanced Practice, Consultant Nurse and Clinical Nurse Specialist roles have developed organically albeit that in Wales there is a system to ensure that all Consultant Nurse job specifications adhere to an agreed set of skills and competencies. Many Registered Nurses are achieving Advanced Practice Masters degrees (which until recently were almost entirely self-funded). These new roles have been extensively researched and the evidence demonstrates that when patients receive care from nurse practitioners, educated to Masters level, outcomes are enhanced, waiting times reduced and the quality of care compares favourably with that provided by medical practitioners.

In the absence of an agreed All Wales framework for Advanced Practice, these roles have almost entirely been aligned with particular clinical specialties (e.g. the Emergency Room, control of infection and so on). There is evidence, too, that patients want generalists because what is required is holistic and coordinated care and not fragmented care, duplication and gaps in service. Professional allegiance to particular clinical specialties have tended to undervalue and undermine the role of the generalist which is a category mistake.

Specialist practice is defined by a greater depth of knowledge in a particular field. Advanced practice, which may be specialist or generalist is defined by higher levels of decision making (and usually greater knowledge) required for more complex problems. The term generalist means “competent across a range of functions”. Interestingly, The shape of training review for medical education and training (Greenaway, 2013) acknowledged the need for a rebalancing between generalist and specialist skills. The framework for advanced nursing and midwifery and allied health practice in Wales (National Leadership and Innovations Agency for Healthcare, 2010) illustrates clearly the specialist to generalist, novice to expert continuum in nursing which should aid in the commissioning of education for required roles.

4.1 The future workforce must maintain a degree of generalism and adaptability in order both to meet patient needs and to provide the resilience which the NHS and other health care providers require.

4.2 Education for advanced level practice which provides a generalist (not generic) skill set is needed to enable nurses to work with confidence across a range of settings in order to respond to patient needs.

4.3 A strategic approach to both workforce planning and education commissioning is required to ensure that the issues set out above are addressed.
Resilience has become a frequently used term in the provision of healthcare. Its popular use signals the challenges currently being experienced which include significant workforce issues of capacity and capability; the urgent need for service redesign, and the increasing burden of complex chronic diseases. Resilience is also seen as an important asset in undermining austerity measures. It can be described as an organisation’s ability to maintain performance, compensate for difficult circumstances and avoid harm. Fragility, the opposite of resilience, carries negative connotations so that without resilience the NHS and other healthcare providers become fragile and vulnerable. The more positive notion of resilience requires the ability of both organisational systems and individual ability and commitment to design and implement positive adaptive behaviours matched to the immediate situation. Since we are facing a world of rapid and constant change, resilience needs to be an ongoing feature to ensure that services for patients remain sustainable and fit for purpose.

Recommendations: Career Development and Role Preparation

Resilience is a concomitant of flexibility. The resilience of a health care system is its capacity to respond, adapt and maintain performance when exposed to shock such as disease outbreak or natural disaster. In the UK winter pressures is another. Adaptation is required also in order to meet the requirement to provide care closer to home. Building on the developments contained in “Aligning skills” (NHWS Wales Shared Services Partnership, 2014) and the “Post registration framework” (National Leadership and Innovation Agency for Health Care, 2010):

1. Create in Wales a structured and coordinated approach to postgraduate education and development activity which facilitates, for each nurse and HCSW, career development and role preparation.

1.2 Plan to provide education to support new models of care such as rural health care, integrated health and social care, transitional and unscheduled care in community settings. The plan should make provision for the necessary advanced knowledge and skills. Providing support to maintain resilience and appropriate adaptive behaviours will also be essential. Consideration should be given as to how best to achieve this through appropriate support structures.

1.3 Ensure access to training for nurses and HCSW providing care to defined groups which should include those living with dementia, children and families during early years, those living with mental health problems and learning disabilities. Such education and training should be determined by the care setting in which the individual works, and not the field of practice for which he or she is qualified, to ensure that patients receive holistic and coordinated care.
1.4 To promote resilience and flexibility and to better meet patient needs, opportunities for Registered Nurses and HCSW to develop competencies in more than one field of nursing need to be provided. This includes, for example adult nursing and mental health nursing. Specific one year post-registration programmes should be developed (possibly at Masters level) to enable nurses on one part of the register to qualify for another part.

2. Recommendations: Revalidation

Revalidation is a statutory requirement for Registered Nurses. More importantly, it is a process of continued collation of evidence which demonstrates that registrants have engaged in professional updating activities. Importantly at least 20 of the required hours must involve engagement with other health care professionals to ensure that nurses who are professionally isolated are engaged in educationally based networking activities.

2.1 Whereas revalidation is the responsibility of individual nurses, the process must be supported by organisational systems and in particular by senior nurses to ensure both compliance with the statutory requirements and professional growth. Support includes identifying opportunities for registrants to engage in CPD activities.

2.2 The process of revalidation can lead to both organisational learning and the identification of practice based theories. Consideration should be given to developing a means of capturing the learning made possible through revalidation as a way of informing nursing practice and improving patient care.

2.3 On-going education and training in the skills of reflection are necessary to ensure that nurses both develop and retain the ability to identify practice based learning.

3. Recommendations: Workforce Planning

A radical review of workforce planning is required in order to ensure that the workforce is able to support service changes and to meet the changing needs of the population. In a written statement following the publication of the Health professional education investment review (Evans, 2015), the need for shifting resources towards multi-disciplinary primary and community care teams, working closely with social care systems was endorsed in order that care can be delivered closer to home in ways which are more prudent.

In 2015 the NHS Shared Services Partnership published Developing excellence in health care: an all Wales skills and career framework for healthcare support workers supporting nursing and the allied health professions (NHS Wales, 2015). Its purpose is to provide a governance mechanism to inform the skills and career development of the HCSW workforce.

3.1 NHS Boards and Trusts, together with education providers (including Universities, Further Education Colleges, Agored Cymru and others) should ensure that appropriate education and training is available to meet the objectives of Developing excellence in health care (NHS Wales, 2015). This will need to be supported by appropriate commissioning arrangements.

3.2 There needs to be a move away from a preoccupation with commissioning numbers towards a focus on what is required in terms of role, skill mix and competencies to deliver the workforce for the future. This requires a fundamental revision in commissioning the total workforce.

3.3 Workforce planning should identify both the number of HCSW which are required and the roles and responsibilities they will undertake. This is a precursor to the development of appropriate education provision.

3.4 Education provision for HCSW needs to be flexible predicated on work-based learning with outcomes mapped to curriculum which enable the HCSW largely to remain in practice while developing clinical competencies.

3.5 A plan for recruiting nurses in areas which experience difficulty in providing a Registered Nursing workforce (e.g. remote and rural areas or in particular clinical specialties e.g. older age mental health) is required. This could entail recruiting a cohort of HCSW from a local community who would be committed both to the area and to undertaking nurse training through flexible and innovative preparation over a period of years.

When undertaking workforce planning the requirement for nurses to work across sectors in order to provide integrated care must be included. This should include mapping of health and social care competencies into both roles and curricula.


Chief Medical Officer for Wales, 2015. Chief Medical Officer for Wales, 2015. London: Shape of Training.


Royal College of Nursing, 2014. Putting information at the heart of nursing care. London: RCN.


Education Summit Programme Contributors

Dr Thomas David Barton, Associate Professor of Nursing (retired)
Lesley Bevan, Assistant Director of Nursing, Abertawe Bro Morgannwg University Health Board
Professor Christopher R Burton, Senior Research Fellow, Deputy Head of School, Bangor University
gill Coverdale, Professional Lead for Education (Standards and Professional Development), RCN
Professor Dame June Clark, DBE, PhD, RN, RHV, FRCN
Carol Hall, Vice President of the Federation of European Nurse Educators (FINE)
David Jenkins OBE, Chair, Aneurin Bevan University Health Board
Professor Donna Mead, OBE, OSJ, FRCN, RCN Welsh Board Member
Professor Ceri Phillips, Head of the College of Human and Health Sciences, Swansea University
Professor Jo Rycroft-Malone, Head of School of Healthcare Science, Bangor University
Annette Thomas, Community Psychiatric Nurse, Betws Cadwaladr University
Professor Jean White, Chief Nursing Officer (Wales)/Nurse Director NHS Wales
Lynda Williams, Director of Nursing, Midwifery and Patient Services, Cwm Taf University Health Board
The Rt. Hon. Lord Willis of Knaresborough.

Authoring Contributors and Critical Friends

Judith Benbow, Senior Lecturer/ RCN Wales PhD Student, School of Healthcare Sciences College of Biomedical and Life Sciences Cardiff University
Simon Cassidy, Practice Education Facilitator, Abertawe Bro Morgannwg University Health Board
Professor Dame June Clark, DBE, PhD, RN, RHV, FRCN
Anne Phillimore, recently retired Director of Workforce and Organisational Development – Aneurin Bevan

Sharon Pierce, Darlithydd Nyrso (Cyn-gofrestr) Cyfwng Cymraeg, Nurse Lecturer (Pre-registration) Welsh Medium, Coleg Cymraeg Cenedlaethol
Diana Powles, Principal Lecturer, Associate Head of School (Care Sciences), University of South Wales
Jo Rycroft-Malone, Professor of Implementation & Health Services Research, Head of School of Healthcare Sciences, Bangor University
Simon Thomas, Chair of Consultant Nurse, Midwife and Allied Health Professionals (CNMHP) Cymru
Dr Dawyd Trystan, Registrant, Y Coleg Cymraeg Cenedlaethol

Education Summit Attendees

Sue Bale, RCN Fellow
Judith Bowen, Senior Nurse for Professional & Practice Development, Hwyel Dda UHB
Andrew Davies, Assistant Director, Workforce Development, NWSSP
Professor Dame June Clark, DBE, PhD, RN, RHV, FRCN
Jaye Elias, Assistant Director of Nursing, Yvelindre NHS Trust
Stephen Griffiths, Assistant Director, Workforce Development, NWSSP
Chris Hayes, Assistant Director of Nursing Practice, Workforce and Professional Standards, Hywel Dda UHB
Judith Hill, Assistant Nurse Director for Safeguarding Cardiff & Vale UHB
Angela Hopkins Executive Director of Nursing, Midwifery and Patient Services, Betws Cadwaladr University Health Board
Nicky Horne Primary and Community Strategy Development Nurse, Betws Cadwaladr University Health Board
Deb Jackson, Assistant Director of Nursing, Aneurin Bevan UHB
Dr Neil James, Senior Lecturer in Learning Disabilities, University of South Wales
Alison Kedward, Clinical Director Health Inspectorate Wales
Professor Maggie Kirk, RCN Fellow
Denise Llewellyn, Executive Director of Nursing, Aneurin Bevan UHB
Kate Parry, RCN Welsh Board member
Sharon Pierce, Nurse Lecturer, Pre-Registration, Coleg Cymreg, Cenedlaethol
Anne Phillimore, Director of Workforce and OD, Aneurin Bevan UHB
Diane Powles, Associate Head of School of Care Sciences, University of South Wales
Liz Rees, RCN Welsh Board Member
Anne Marie Rowlands, Assistant Director of Nursing, Betsi Cadwaladr University Health Board
Professor Jo Rycroft-Malone, Head of School of Healthcare Science, Bangor University
Dr Martin Steagall, Dean of Faculty of Life Sciences and Education, University of South Wales
Annette Thomas, Community Psychiatric Nurse, Betsi Cadwaladr University Health Board
Dr Dafydd Trystan, Registrar, Y Coleg Cymraeg Cenedlaethol
Sian Thomas, Consultant Nurse Child Health, Aneurin Bevan University Health Board
Ruth Walker, Director of Nursing, Cardiff and Vale UHB
Sue Ward, Professional Head for Adult Nursing, Cardiff University
Lynda Williams, Executive Nurse Director & Midwifery, Cwm Taf UHB
Cath Williams, Senior Lecturer in Clinical Practice, Swansea University

Glossary of Terms
Agored Cymru – a Welsh organisation that develops qualifications to meet skills needs in Wales
CMO – Chief Medical Officer
CYNGOR – represents health departments in Welsh Higher Education and works collaboratively with key stakeholders in the NHS, Welsh Assembly Government, the Council of Deans of Health, UK and others.
HCSW – Health Care Support Worker
Nurses/Nursing - These terms include all health care professionals regulated by the Nursing and Midwifery Council.

Royal College of Nursing Wales
Ty Maeth
King George V Drive East
Cardiff
CF14 4XZ
Telephone: 029 2068 0769
Email: welsh.board@rcn.org.uk