Capturing the impact of nursing research: VICTOR and the role of the RCN

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On behalf of the RCN
Background

- Interest in promoting and maximising the impact of nursing research
- Bid to Forum Governance Group
- Workshop held 10th April 2018
General themes

• The impact of nursing research and/or the impact of nursing on research

• Impact is more than REF

• Changing roles of nurses and nursing

• Needs to be viewed as a complex system not a linear process

• The importance of culture – or cultures?

• Different strategies across the four nations in the UK

• Different types of impact – patients, families, communities, clinical practice, workforce, education, policy, economic

• Making the invisible visible
What is the role of the RCN for increasing the visibility and impact of research and nursing
RCN response: work by the Research Society

- Increasing the visibility of research done by nurses
- Raising the profile of nurses leading research
- Making research resources more accessible
- Providing guidance on the use of the James Lind Alliance research priorities for nursing research
New forum web pages

Impact case studies
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Career insights
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Health
Research priorities in cancer care
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Targeted funding for research
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Innovations in cancer nursing
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Lead researchers in cancer nursing
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Where to publish
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Impact case studies

- Chosen by the forums
- Content guided by VICTOR

Activity
- Does VICTOR need to be adapted for the profession?
- Use hypothetical research study to apply VICTOR
- Think about the impact on *nursing* not impact on the *organisation*
- How have nurses benefitted or will benefit in the future
VICTOR:
Making Visible the Impact Of Research

• YH CRN and CLAHRC YH jointly funded
• Develop tool to collect and make visible the impact of research activity within NHS organisations
• Identifying impact where it matters in the NHS and services to people
• Creating a resource to support NHS Trusts to capture and show how clinical research projects have impact within the organisation, to learn from this
• A tool which is specifically about the research impacts within an organisation, not necessarily intended study wide/national impacts
• To help organisations identify and promote the difference clinical research can make to patient care by amplifying a diverse range of impacts
VICTOR team

Jo Cooke CLAHRC YH Deputy Director and CRN HSR Lead

Judith Holliday Head of Research and Innovation, Mid Yorkshire Hospitals NHS Trust

Natalie Jones Head of Occupational Therapy, Sheffield Teaching Hospitals NHS FT
Research impact reporting in the NHS: a manager’s perspective

QCQ ‘well led’ inspections

Trust Quality Account, Annual Report and Quality Committee

To demonstrate clinical impact for services and for the REF

To support business cases and improvement projects: Providing examples of where research has made a difference

Annual research performance reporting (CRN annual report): Includes case studies

To share stories to the Board about impact
The impact of clinical research: some research findings

- Academic outputs correlate with better mortality rates: **Health gain**

- There is an association between the engagement of individuals and healthcare organisations in research and improvements in healthcare performance: **Quality / process of care**

- The mortality-related results shows a correlation between increased research and reduced deaths. Furthermore, there is also a statistically significant association between clinical trials activity and improved CQC ratings: **Quality and health gain**

- Treatment of patients on clinical trials is associated with considerable cost savings: **Cost effective**

- Allied health research positions impact on clinician skill development, research activity, service changes, collaborations, enhanced research and workplace culture and professional development of individuals in the research positions: **Workforce and capacity**
Consolidation of Research Impact Frameworks

Draft VICTOR
Iterations through Pilots (2 first phase and then 12 ACORN NHS organisations and PPIE consultation)
Domains

Knowledge Generation and Knowledge Exchange
- Dissemination
- Knowledge sharing
- New Knowledge
- Actionable Outputs

Health Benefits Safety, Quality for Research Participants and Carers
- Health Benefits
- Experience
- Patents
- Experience
- Patient safety
- Equity
- Social Capital

Economic Impacts
- Cost effectiveness
- Cost saving
- Commercialisation
- Commercial income

Patient Service & Workforce Impacts
- Service change
- Skills
- Workforce
- Collective action
- Products, equipment, technology
- Guidelines

Research Profile and Capacity Building
- Research culture
- Research Awareness
- Research capacity
- Networks and collaborations
- Engagement

Influences
- Cohesion
- Reputation
- Recruitment and retention of staff
- Patient and public involvement

The VICTOR research impact tool
The process

Organisational Research Lead (ORL) identifies studies within the organisation, and wants to share the impact of the research.

ORL identifies the person coordinating the project and use of the VICTOR tool. This person is given the role of Impact Case Study Coordinator (ICC).

ICC contacts and coordinates those who were involved in the original study. These can be patients, nurses or other clinical colleagues.

Everyone receives a web link, leading them to create their own VICTOR profile. This allows them to all contribute at the same time.
The stakeholders

Patient, Family and Carers

Research Support - Manager
This person has an overview of the studies in the trust. Links to senior management in the trust and wider research networks external to the trust.

Chief Investigator - Primary Investigator
The person in charge of the running of the project in the trust. Has unique clinical and research expertise.

Research Team Member - Nurse, AHP and Ward Staff
Recruits patients and introduces the study to the patient, undertakes procedures, shares information with patients. Might deliver the intervention.

Industry
Including technology development, data linkage, lab work and drug development.
Involvement in research has built our national reputation for research in pressure care, this has provided the nursing team with opportunities to do more research to improve clinical practice. We are striving for excellence and are able to problem solve together to improve patient care.

Research Profile
Involvement in research has built our national reputation for research in pressure care, this has provided the nursing team with opportunities to do more research to improve clinical practice. We are striving for excellence and are able to problem solve together to improve patient care.

Knowledge
The knowledge produced has informed the Stroke Association information accessibility guidelines for Aphasia friendly information.

Influence
Research into wound measurement has facilitated connections between nurses and medical illustrations. This closer working relationship helps us to work collaboratively to improve patient care.

Health Benefits
Participants who were randomised to the treatment arm received visits from a stop-smoking practitioner who was experienced in working with people with mental illness and who was able to help overcome some of the difficulties of making a quit attempt, for example, inadequate amounts and duration of nicotine replacement therapy is often prescribed by GPs.

Service & workforce
Implementing Ampcare ESP has led to a change in the way we deliver services, patients are receiving more intensive therapy which contributes to meeting the National Stroke Clinical Guidelines.

Economic
The partnership with a commercial organisation to provide training for the use of electrical stimulation is financially beneficial for our organisation.
Knowledge
- New techniques to monitor fall rates

Influence
- Initiated NICE Medtech Innovation Briefing (MIB) – Trust as clinical expert.
- Strengthened relationships between radiography and pathology
- Retaining high quality clinical staff with rare research radiography role

Research Profile
- It helped the team gain research confidence. This has led to developing a new research portfolio

Health Benefits
- A screening questionnaire was used to monitor the risk of acute kidney injury. In some patients acute kidney function changes place them at increased or decreased risk. This was closely observed and managed in the study

Service & workforce
- A screening questionnaire was introduced to CT scanning service now embedded into CT and MRI pathways enabling identification of risk factors for kidney dysfunction

Economic
- Grant and industry investment into the Trust
Wide ranging impacts

Service and workforce

Research skills and capacity

Patient experience
Potential to support fellowships and clinical PhD

“By going this research in the A&E Department I have been able to influence others to think about research. It has inspired other nurse to think about research, to apply for courses and do masters modules. I was able to provide them will help and guidance”.
Nurse PhD Student

“By doing this research I have transferred my knowledge and leaning back into the clinical team, this has influenced clinical practice and now we are more aware of research in this area. I am now more confident about sharing the outcomes of research with others”.
SALT PhD Student
Professor Bev Snaith
Clinical Professor of Radiography University Of Bradford and Mid Yorkshire Hospitals NHS Trust
Lyn Wilson
Lead Research Nurse
Mid Yorkshire Hospitals NHS Trust
Bev Taylor
Senior Research Nurse
Mid Yorkshire Hospitals NHS Trust
NHS Trust feedback

- “Victor has been hugely helpful”
- “Lots came up that we hadn’t expected”
- “Seeing it written down was very powerful”
- “Some of the case study information will go into a follow on funding bid”
- “Encouraged reflection on challenges”
- “Uncovering hidden impacts”
- “We got a huge amount more information than we would have without the VICTOR structure. Without that we wouldn’t have got the detail”
- “Patients wanted to give their views”
- “Doing this helped build relationships between the clinical teams and research team”
- “The Board loved the hexagons – a great visual summary”
- “It captures people’s attention”
- “It captured additional information that funders wouldn’t have got otherwise”
- “I wish I’d had it at the beginning when I was designing the study”
- “You don’t reflect very often and then you think wow, we did that”
- “Very rewarding for staff (research and clinical)”
- “It was an educational experience. That interaction has led to clinical teams being more aware of research and that hasn’t been obvious to me before”
References


Thank you

- Judith Holliday
  - Judith.holliday@midyorks.nhs.uk
  - 01924 543 772