

# **Educating the team & improving the experience of patients with spinal cord injuries: A multiprofessional approach to learning on a spinal cord injury centre.**

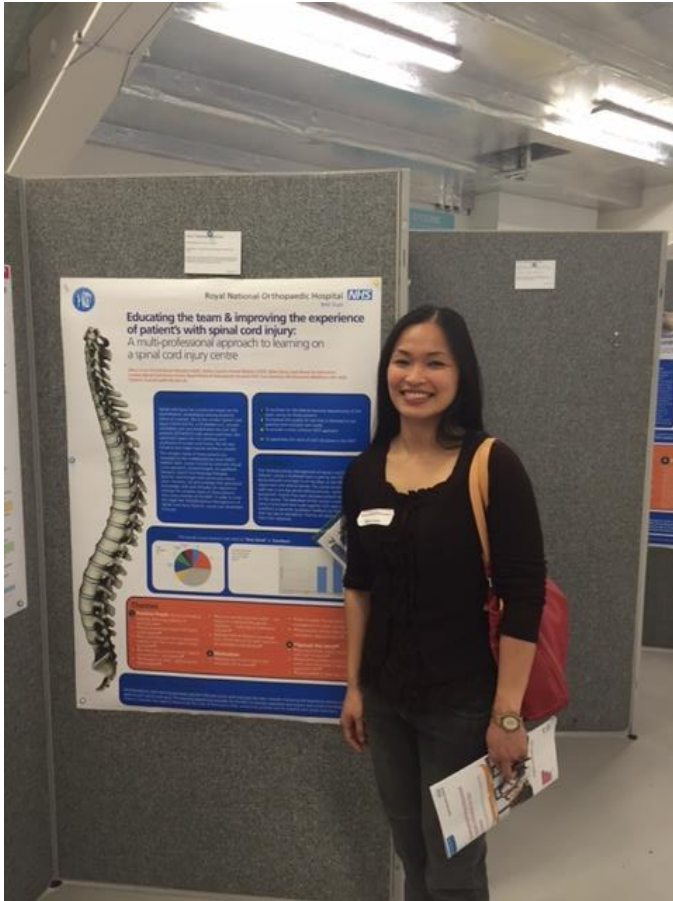
**Mary Licup**

Clinical Nurse Educator

London Spinal Cord Injury Centre

# The abstract...

## Interprofessional education



Buring S, Bhushan A, Broeseker A, Conway S, Hewitt W, Hansen L, Westberg s (2009) Interprofessional education: definitions, student competencies, and guidelines for implementation. *American Journal of Pharmaceutical Education* 73 (4) Article 59.

Reeves S, Fletcher S, Barr H, Birch I, Boet S, Davies N, McFadyen A, Rivera J, Kitto S (2016) A BEME systematic review of the effects of interprofessional education: BEME Guide No. 39 [online] available at <http://dx.doi.org/10.3109/0142159X.2016.1173663> [accessed 06 April 2017]

Suter E, Arndt J, Arthur N, Parboosighn J, Taylor E, Deutschlander S (2009) Role understanding and effective communication as core competencies for collaborative practice. *Journal of interprofessional care* vol 23 no 1.

World Health Organization (2010) Framework for action on interprofessional education and collaborative practice [online] Available at [www.who.int/hrh/nursing\\_midwifery/en](http://www.who.int/hrh/nursing_midwifery/en) [accessed 16 April 2017]

# Interprofessional Education

*“Occasions when members of 2 or more health and/or social care professions engage in learning with, from and about each other to improve collaboration and the delivery of care.”*  
(CAIPE, 2002)



**1** Glasgow, Scotland.  
The Queen Elizabeth National Spinal Injury Unit

**2** Belfast, Northern Ireland.  
Musgrave Park Hospital.

**3** Dublin, Eire.  
National Medical Rehabilitation Centre.

**4** Southport, England.  
North West Regional Spinal Injuries Centre.

**5** Oswestry, England.  
The Midlands Centre for Spinal Injuries.

**6** Cardiff, Wales.  
Welsh Spinal Injuries and Neurological Rehabilitation Centre.

**7** Middlesbrough, England.  
The Golden Jubilee Regional Spinal Cord Injuries Centre.

**8** Wakefield, England.  
New Pinderfields - Regional Spinal Injuries Centre.

**9** Sheffield, England.  
The Princess Royal Spinal Injuries Centre.

**10** Aylesbury, England.  
National Spinal Injuries Centre, Stoke Mandeville Hospital.

**11** Stanmore, England.  
Spinal Cord Injuries Centre, Royal National Orthopaedic Hospital.

**12** Salisbury, England.  
The Duke of Cornwall Spinal Treatment Centre.

# NHS Standard Contract Outcomes

- Preventing people from dying prematurely
- Enhancing quality of life
- Helping people to recover following injury
- Ensuring people have a positive experience of care
- Treating and caring for people in a safe environment and protecting them from avoidable harm

([www.england.nhs.uk](http://www.england.nhs.uk))

# Aims of the service

- To provide acute management and rehabilitation of people with spinal cord injury
- To promote on-going management
- To promote optimal outcomes, leading to reduced mortality and morbidity
- To support patients to maximise their potential for independent living, and for return to employment or education, hobbies and ADLs.
- To optimise autonomy and health in people with SCI

**Specific care needs?...**

# LSCIC MDT Induction

*“Multiprofessional care of patients with spinal cord injuries”*

- 1) *To facilitate for the **diverse learning requirements** of the team caring for these patients.*
- 2) *To **improve the quality of care** that is delivered to our patients with complex care needs.*
- 3) *To provide a more **cohesive MDT approach**.*
- 4) *To **appreciate the value of each discipline** in the MDT.*



London Spinal Cord Injury Centre  
**MDT Induction Training Programme**  
Seminar Room 3, Teaching Centre

**DAY 1** – Friday, 21 April 2017

Time	Topic	Presenter
08:20	Registration	
08:30	<b>START:</b> The LSCIC, a brief history.	Clinical Nurse Educator
08:40	<ul style="list-style-type: none"> <li>• SCI: scale of the problem</li> <li>• Referral process, different pathways and bed utilization</li> <li>• Epidemiology of SCI</li> <li>• SCI: anatomy; what is a SCI?</li> <li>• Surgical factors: Basic Concepts</li> </ul>	Rehabilitation Consultant
<b>09:45</b>	<b>Break</b>	
10:00	1) Positioning in bed 2) Turning the patient with an unstable spine	Clinical Nurse Educator
11:00	<ul style="list-style-type: none"> <li>• Spinal Outreach Team: What we do.</li> <li>• Respiratory Management</li> </ul>	Spinal Outreach Practitioner
11:45	ASIA – Intro, how to perform and how to read. Why is it useful?	LSCIC Lead Physiotherapist
12:30	<ul style="list-style-type: none"> <li>• Case study: Explanation; Diagnosis and Prognosis</li> <li>• Case study: Respiratory</li> </ul>	
<b>13:00</b>	<b>Lunch</b> (provided)	
13:45	LSCIC: Spinal Research update	Scientist
14:15	The Psychosocial team Overview of the Psychological impact of SCIs	Clinical Psychologist
14:45	Acute Nursing Care: Spinal Shock	Clinical Nurse Educator
15:15	Autonomic Dysreflexia	Clinical Nurse Educator
15:45	Summary/ Evaluations/ Quiz/Certificates	Clinical Nurse Educator
16:00	<b>END</b>	

London Spinal Cord Injury Centre  
**MDT Induction Training Programme**  
Seminar Room 3, Teaching Centre

**DAY 2** – Friday, 28 April 2017

Time	Topic	Presenter
08:20	Registration	
08:25	<b>START:</b> Learning Opportunities in the LSCIC	Clinical Nurse Educator
08:30	<ul style="list-style-type: none"> <li>• Mobilisation</li> <li>• Posture Management in Wheelchair</li> <li>• Bed transfer technique</li> <li>• Upper Limb management</li> </ul>	LSCIC Lead Occupational Therapist
<b>10:00</b>	<b>Break</b>	
10:15	Introduction to Bowel, Bladder & Sexual Dysfunction	Clinical Nurse Specialist in Urology
11:30	When can I eat? SLT Case Study	Speech & Language Therapist
12:15	Cardiovascular Management & Medical Management of <ul style="list-style-type: none"> <li>• Spasms</li> <li>• Pain</li> <li>• Bladder</li> <li>• Bowels</li> </ul>	Rehabilitation Consultant
<b>13:00</b>	<b>Lunch</b> (provided)	
14:00	<ul style="list-style-type: none"> <li>• Nutritional needs of Patients with SCIs</li> </ul>	Dietitian
14:30	Discharge planning	Community Liaison Team Lead
15:00	Case study: I'm terrified of getting a pressure sore	Tissue Viability Nurse
15:30	Scenarios – Group Work	Clinical Nurse Educator
16:00	Summary/Evaluations/Certificates	Clinical Nurse Educator
16.15	<b>END</b>	

# Method of delivery

- Experts from each discipline as speakers
- Content design is discussed as a team

# Evaluation

SESSION	POOR	GOOD	VERY GOOD	EXCELLENT	Comments
The LSCIC: A brief history.					
Scale of the problem, MSCC Epidemiology, , Surgical factors					
5 person turns (Acute Spinal Logroll)					
Spinal Outreach Team, Respiratory Management					
ASIA					
Case study, Cord Syndromes					
Spinal Research					
The Psychological impact of SCI					
Nurses' role, Spinal Shock and Autonomic Dysreflexia					

# Evaluation

SESSION	POOR	GOOD	VERY GOOD	EXCELLENT	Comments
Mobilisation, Postural and Upper Limb Management					
Bowel, Bladder and Sexual Dysfunction					
When can I eat? SALT					
Cardiovascular and Medical Management					
Nutritional Needs					
Discharge Planning					
Pressure Ulcers in SCIs					

# Evaluation

How would you rate the entire event (*Day 1 and Day 2*)? POOR GOOD VERY GOOD EXCELLENT

What are areas that the event excelled in?

What are areas that the event can improve in?

What do you think is the impact that this training will have in your practise?

# Themes

- **Positive Praxis**
- **Motivation**
- **Spread the word**

# Positive Praxis

The act of engaging, applying, exercising, realizing or practising ideas (Freire, 1970).

*“Active involvement helped with better understanding”*

*“Very well explained! Did not previously practice, now I feel I can support nurses as required”*

*“So clear, great practical session, easy to ask questions, very practical”*

*“It brought out safety...getting lots of MDT together.”*

# Motivation

*“Real life case studies make it very accessible info to absorb”*

*“Able to explain the key points in SCI management in a clear and deep way”*

*“Very practical and eye-opening, very informative, good education”*



# Spread the word

*“Very worthwhile, would encourage all MDT staff to attend!”*

*“Information provided excellent and very useful, very informative 2 days to help appreciate MDT”*

*“Make available to other sites – it’s great”*

# Conclusion

- Promotes positive informed action and motivates the team towards improving the experience and journey of patients with spinal cord injuries.
- Develop teamwork and acquire specialised knowledge and skills.
- There is, however, the need to disseminate this style of learning to other centres that provide care for patients with spinal cord injuries.

**Health Education England**

***Developing multiprofessional health educators  
for the future conference***

**28 June 2016**

**Best Poster Abstract**





**NHS**  
*Health Education England*

Developing  
Multiprofessional  
Health Education  
for the Future  
28 June 2016

Poster Abstract  
Winner

**Thank you very much for your time.**



**Any questions?**