

Confidence of Student Nurses in managing Respiratory conditions of patients with Learning disabilities.

Introduction

Name of research Project

How confident are Pre-registration nursing students about their respiratory nursing skills for supporting patients with learning disabilities as they enter the workforce?

Our Study aims to explore the experiences of Pre-registration nursing students in their final year of university and their confidence about their respiratory nursing skills and their confidence about their respiratory nursing skills in supporting individuals with learning disabilities and their carers.

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Survey Introduction

Thanks for your support in taking out the time to complete the survey. This survey should not take longer than 10 minutes. The survey does not have mandatory sections. We anticipate that participants will complete in as short and minimal time avoiding impact on your day-to-day workload. By answering the following questions, it allows to gain an understanding of the confidence of nursing students in handling respiratory illness and conditions in patients with learning disabilities.

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About You and your University

1. Which year are you in of your nursing degree?

2. Are you undertaking a

☐ BSc ☐ BSc (Hons) ☐ BA ☐ BA (Hons) ☐ BN ☐ Other

3. Your Nursing Field

☐ Adult ☐ Child ☐ Learning disabilities ☐ Mental Health

4. UK Region

Please select your region from the dropdown menu

5. Which University are you studying at?

Please give details in the text box

6. How many students are studying/studied with you in your cohort?

Please write in number in the text box

7. What year do you expect to register with the NMC?

Please write in

8. Which patient population are you hoping to work with after you register?

Please select the field of nursing you are interested in or your career plan, type in for Other

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In-University teaching

1. Reflecting back on your university course, how much time do you think you spent in class on the following

	None	Under 1 hour	1-3 hours	4-6 hours	7 or more	Cannot recall
Respiratory anatomy and physiology specifically relating to patients with learning disabilities.	☐	☐	☐	☐	☐	☐
Respiratory pathophysiology (abnormalities) for patients with learning disabilities	☐	☐	☐	☐	☐	☐
Respiratory pharmacology for patients with learning disabilities	☐	☐	☐	☐	☐	☐
Local and national respiratory guidelines for patients with learning disabilities	☐	☐	☐	☐	☐	☐
Long term conditions (respiratory specific) for patients with learning disabilities	☐	☐	☐	☐	☐	☐
Respiratory health and prevention of respiratory disease for patients with learning disabilities	☐	☐	☐	☐	☐	☐
Info around pulmonary rehabilitation and other interventions such as smoking cessation, flu vaccination for patients with learning disabilities	☐	☐	☐	☐	☐	☐

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In University-teaching 2

1. How confident do you feel about your knowledge and understanding of the following areas

	Completely confident	Fairly confident	Somewhat confident	Slightly confident	Not at all confident
Respiratory anatomy and physiology specifically relating to patients with learning disabilities	☐	☐	☐	☐	☐
Respiratory pathophysiology (abnormalities) for patients with learning disabilities	☐	☐	☐	☐	☐
Respiratory pharmacology for patients with learning disabilities	☐	☐	☐	☐	☐
Local and national respiratory guidelines and the implications for those with learning disabilities and their carers	☐	☐	☐	☐	☐
Long term conditions (respiratory specific) for patients with learning disabilities	☐	☐	☐	☐	☐
Respiratory health and prevention of respiratory disease for patients with learning disabilities	☐	☐	☐	☐	☐
Causes of respiratory pathophysiology in patients with learning disabilities (e.g. anatomy, physiology, environment, dysphagia, mobility, reliance on care, oral health)	☐	☐	☐	☐	☐
Impact of COVID 19 in people with learning disabilities	☐	☐	☐	☐	☐
Information about vaccination against flu, COVID-19, or other common respiratory viruses such as (e.g. RSV respiratory syncytial virus) for people with learning disabilities	☐	☐	☐	☐	☐
Pulmonary rehabilitation and other interventions such as asthma action plans for people with learning disabilities and carers	☐	☐	☐	☐	☐
Smoking,Vaping and other Tobacco product usage Cessation for people with learning disabilities and their carers	☐	☐	☐	☐	☐

2. Are you aware of what pulmonary rehabilitation is and when it is appropriate for patients with learning disabilities to attend?

☐ Yes

☐ No

3. Are you aware of how to deliver brief smoking,vaping,other tobacco product usage cessation advise that is targeting at people with learning disabilities?

☐ Yes

☐ No

4. Are you aware of the pros/cons to flu vaccination in patients with learning disabilities who have respiratory issues ?

☐ Yes

☐ No

5. Please add any comments here about your experience of the teaching around respiratory care of patients with learning disabilities

Please write in

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Practice placement experience

1. Did you get taught any of the following respiratory skills during your placements?

	Yes	No	Cannot recall
Respiratory rate for patients with learning disabilities	☐	☐	☐
Pulse oximetry for patients with learning disabilities	☐	☐	☐
Chest examination for patients with learning disabilities	☐	☐	☐
Blood gas analysis for patients with learning disabilities	☐	☐	☐
Smoking cessation for patients with learning disabilities	☐	☐	☐
Respiratory scoring tools/outcome measures for patients with learning disabilities	☐	☐	☐
Peak flow for patients with learning disabilities	☐	☐	☐
Spirometry for patients with learning disabilities	☐	☐	☐
Inhaler technique for patients with learning disabilities	☐	☐	☐
Oxygen administration for patients with learning disabilities	☐	☐	☐
Respiratory Secretions/Sputum assessment for patients with learning disabilities	☐	☐	☐
Tracheostomy care for patients with learning disabilities	☐	☐	☐
Nebuliser training /Usage for patients with learning disabilities	☐	☐	☐
Usage of Suctioning for patients with learning disabilities	☐	☐	☐
Chest drains for patients with learning disabilities	☐	☐	☐
Non-Invasive Ventilation (NIV) for patients with learning disabilities	☐	☐	☐
Relief of breathlessness for patients with learning disabilities	☐	☐	☐

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Practice placement experience 2

1. Did you get taught any of these skills in a Skills Centre/Lab?

	Yes	No	Cannot recall
Respiratory rate for patients with learning disabilities	☐	☐	☐
Pulse oximetry for patients with learning disabilities	☐	☐	☐
Chest examination for patients with learning disabilities	☐	☐	☐
Blood gas analysis for patients with learning disabilities	☐	☐	☐
Smoking cessation for patients with learning disabilities	☐	☐	☐
Respiratory scoring tools/outcome measures for patients with learning disabilities	☐	☐	☐
Peak flow for patients with learning disabilities	☐	☐	☐
Spirometry for patients with learning disabilities	☐	☐	☐
Inhaler technique for patients with learning disabilities	☐	☐	☐
Oxygen administration for patients with learning disabilities	☐	☐	☐
Respiratory Secretions/Sputum assessment for patients with learning disabilities	☐	☐	☐
Tracheostomy care for patients with learning disabilities	☐	☐	☐
Nebuliser training /Usage for patients with learning disabilities	☐	☐	☐
Usage of Suctioning for patients with learning disabilities	☐	☐	☐
Chest drains for patients with learning disabilities	☐	☐	☐
Non-Invasive Ventilation (NIV) for patients with learning disabilities	☐	☐	☐
Relief of breathlessness for patients with learning disabilities	☐	☐	☐

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Practice placement experience 3

1. How confident do you feel about undertaking these skills in the future?

	Completely confident	Fairly confident	Somewhat confident	Slightly confident	Not at all confident
Respiratory rate for patients with learning disabilities	☐	☐	☐	☐	☐
Pulse oximetry for patients with learning disabilities	☐	☐	☐	☐	☐
Chest examination for patients with learning disabilities	☐	☐	☐	☐	☐
Blood gas analysis for patients with learning disabilities	☐	☐	☐	☐	☐
Smoking cessation for patients with learning disabilities	☐	☐	☐	☐	☐
Respiratory scoring tools/outcome measures for patients with learning disabilities	☐	☐	☐	☐	☐
Peak flow for patients with learning disabilities	☐	☐	☐	☐	☐
Spirometry for patients with learning disabilities	☐	☐	☐	☐	☐
Inhaler technique for patients with learning disabilities	☐	☐	☐	☐	☐
Oxygen administration for patients with learning disabilities	☐	☐	☐	☐	☐
Respiratory Secretions/Sputum assessment for patients with learning disabilities	☐	☐	☐	☐	☐
Tracheostomy care for patients with learning disabilities	☐	☐	☐	☐	☐
Nebuliser training /Usage for patients with learning disabilities	☐	☐	☐	☐	☐
Usage of Suctioning for patients with learning disabilities	☐	☐	☐	☐	☐
Chest drains for patients with learning disabilities	☐	☐	☐	☐	☐
Non-Invasive Ventilation (NIV) for patients with learning disabilities	☐	☐	☐	☐	☐
Relief of breathlessness for patients with learning disabilities	☐	☐	☐	☐	☐

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Future teaching

1. Do you think these clinical skills should be taught in a pre-registration programme and where it should it be taught?

Chose all that apply

	In Placement	In Skills Centre/Lab	In Classroom/Lectures	No should not be taught at pre- reg level
Respiratory rate for patients with learning disabilities	☐	☐	☐	☐
Pulse oximetry for patients with learning disabilities	☐	☐	☐	☐
Chest examination for patients with learning disabilities	☐	☐	☐	☐
Blood gas analysis for patients with learning disabilities	☐	☐	☐	☐
Smoking cessation for patients with learning disabilities	☐	☐	☐	☐
Respiratory scoring tools/outcome measures for patients with learning disabilities	☐	☐	☐	☐
Peak flow for patients with learning disabilities	☐	☐	☐	☐
Spirometry for patients with learning disabilities	☐	☐	☐	☐
Inhaler technique for patients with learning disabilities	☐	☐	☐	☐
Oxygen administration for patients with learning disabilities	☐	☐	☐	☐
Respiratory Secretions/Sputum assessment for patients with learning disabilities	☐	☐	☐	☐
Tracheostomy care for patients with learning disabilities	☐	☐	☐	☐
Nebuliser training /Usage for patients with learning disabilities	☐	☐	☐	☐
Usage of Suctioning for patients with learning disabilities	☐	☐	☐	☐
Chest drains for patients with learning disabilities	☐	☐	☐	☐
Non-Invasive Ventilation (NIV) for patients with learning disabilities	☐	☐	☐	☐
Relief of breathlessness for patients with learning disabilities	☐	☐	☐	☐
Communication skills for communicating with patients with learning disabilities	☐	☐	☐	☐

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Future of teaching 2

1. How important do you think respiratory care is in nursing for people with learning disabilities?

- ☐ Very important
- ☐ Important
- ☐ Not important at all

2. How important do you think communication skills are necessary in nursing for managing people with learning disabilities?

- ☐ Very important
- ☐ Important
- ☐ Not important at all

3. What has been your experiences of respiratory care for people with learning disabilities during you placements. Examples of respiratory care may include supporting people with breathing difficulties, asthma, COPD, aspiration/swallowing issues

4. Is respiratory care for people with learning disabilities an area you are working in or would consider in the future

5. Please write any further comments about your views on how respiratory care for learning disabilities is taught in pre-registration programmes.