

Supplementary Material One

Pre-placement Questionnaire

Does an early longitudinal community practice placement for pharmacy students promote learning by establishing more opportunities for connection with patients, curriculum integration and professional engagement?

This questionnaire study is being conducted as part of research into the longitudinal community pharmacy placement (LCPP) which you are completing. Please read the information below carefully. The placement will be referred to as the longitudinal placement in this questionnaire.

The aim of this questionnaire study is to research if a longitudinal placement promotes learning, and to explore the connection with patients, curriculum integration and professional engagement. This will help to inform development areas for placements and how well placements are working.

You do not have to take part in this study and a decision not to take part will not have any personal consequences for you. You can change your mind about taking part in the study any time you like. Even if you have started to complete the questionnaire, you can decide not to complete any further questions. You do not have to give a reason for this decision, and it will not affect you negatively in any way.

If you have, any queries please contact either the Principle Investigator (Dr Judith Strawbridge) at jstrawbridge@rcsi.ie or the researcher (Aisling Kerr) at aislingkerr@rcsi.ie or alternatively you can ask any member of the research team at any time.

HOW TO FILL IN THIS QUESTIONNAIRE

It should take approximately 10 minutes to complete this questionnaire.

Section A is concerned with getting some details about you. We have asked for the last 4 digits of your student number so that we can match responses before and after the placement. When the gatekeeper matches the responses these numbers will be replaced with new identifier so that your responses will be completely anonymous to the research team.

Sections B and C contain lists of statements and we ask you to tick the box relating to your answer.

Section D contains space for free text comments and we would be grateful if you complete this section.

There are no right or wrong answers to the questions we are asking you to complete, and all answers are useful. We are interested in your own personal views, not what you think we want to hear. All information retrieved will be kept anonymised.

By completing and returning this questionnaire, I consent for my response to be included in data analysis for this study. If you do not consent for your response to be used in this study, please do not proceed.

SECTION A: DEMOGRAPHIC INFORMATION

This section of the questionnaire is concerned with gathering some details about you.

1. **Last four digits of Student Number** (Please Enter) _____
2. **What age are you?** (Please Enter) _____
3. **What is your gender?** (Please Tick one) Male ☐ Female ☐ Rather Not Say ☐
4. **What is your nationality?** (Please Tick one) EU ☐ Non-EU ☐ Rather Not Say ☐

SECTION B: Survey of Student Pharmacist Professional Involvement and Experiences

The following questions have to do with your experiences as a student pharmacist. As you respond, think about your work experiences as a student in the profession of pharmacy.

Please read each statement and decide how often you feel this way. If you have had this feeling, indicate how often you feel it by putting the number (from 1 to 6) that best describes how frequently you feel that way.

Never	Almost	Rarely	Sometimes	Often	Very Often	Always
0	Never	2	3	4	5	6
Never had this feeling	1 A few times a year	Once a month	A few times a month	Once a week	A few times a week	Every day

Please indicate how often you feel the way described by circling the most relevant number for each statement.

Statement	Rating						
As a student pharmacist, I can help others	0	1	2	3	4	5	6
I have inspiring conversations about pharmacy	0	1	2	3	4	5	6
I feel like I belong in pharmacy	0	1	2	3	4	5	6
Someone in the profession cares about my professional development	0	1	2	3	4	5	6
Someone in the profession cares about me	0	1	2	3	4	5	6

Statement	Rating						
Being a part of the profession energizes me	0	1	2	3	4	5	6
I am passionate about the profession	0	1	2	3	4	5	6
I am proud to be a student pharmacist	0	1	2	3	4	5	6
What I do as a student pharmacist is valuable	0	1	2	3	4	5	6
I will strive to advance pharmacy practice	0	1	2	3	4	5	6
The profession of pharmacy gets me excited	0	1	2	3	4	5	6
I have somebody I look up to in the profession of pharmacy	0	1	2	3	4	5	6
I feel involved in my profession	0	1	2	3	4	5	6
I have the opportunity to apply what I have learned	0	1	2	3	4	5	6
I am excited about the future of pharmacy	0	1	2	3	4	5	6
I feel connected to others in the profession	0	1	2	3	4	5	6
I will have a positive impact on the profession	0	1	2	3	4	5	6
As a student pharmacist, I can make a positive difference	0	1	2	3	4	5	6

SECTION C: CONNECTION WITH PATIENTS

Please indicate your level of agreement with the following statements regarding your personal experiences of your longitudinal placement by placing a ✓ in the appropriate box:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
Pharmacists should routinely spend part of their professional time working to improve patient care.					
The patient is at the centre of everything that I do as a student pharmacist.					
When considering if a prescription is appropriate, I think more about the disease rather than the person.					
It is important to consider a patient's view(s) when making clinical decisions.					
It is important to gather all information from patients, regardless of how it makes them feel.					

I prioritise patient-centred care in my role as a student pharmacist.					
The busy role of a community pharmacist makes it difficult to provide patient-centred care.					

SECTION D- FINAL QUESTIONS

What are your expectations for the longitudinal placement?

What are you looking forward to most in the longitudinal placement?

What are you looking forward to least in the longitudinal placement?

Any other comments?

This is the end of the questionnaire.

Thank you for taking the time to complete it. This information will be very useful.

Please remember that all information you have provided will remain anonymised.

Post-placement Questionnaire

Does an early longitudinal community practice placement for pharmacy students promote learning by establishing more opportunities for connection with patients, curriculum integration and professional engagement?

This questionnaire study is being conducted as part of research into the longitudinal community pharmacy placement (LCPP) which you are completing. Please read the information below carefully.

The placement will be referred to as the longitudinal placement in this questionnaire.

The aim of this questionnaire study is to research if a longitudinal placement promotes learning, and to explore the connection with patients, curriculum integration and professional engagement. This will help to inform development areas for placements and how well placements are working.

You do not have to take part in this study and a decision not to take part will not have any personal consequences for you. You can change your mind about taking part in the study any time you like. Even if you have started to complete the questionnaire, you can decide not to complete any further questions. You do not have to give a reason for this decision, and it will not affect you negatively in any way.

If you have any queries please contact either the Principle Investigator (Dr Judith Strawbridge) at jstrawbridge@rcsi.ie or the researcher (Aisling Kerr) at aislingkerr@rcsi.ie or alternatively you can ask any member of the research team at any time.

HOW TO FILL IN THIS QUESTIONNAIRE

It should take approximately 10 minutes to complete this questionnaire.

Section A is concerned with getting some details about you. We have asked for the last 4 digits of your student number so that we can match your responses from before and after the placement. When the gatekeeper matches the responses these numbers will be replaced with new identifier so that your responses will be completely anonymous to the research team.

Sections B, C and D contain lists of statements and we ask you to tick the box relating to your answer.

Section E contains space for free text comments and we would be grateful if you complete this section.

There are no right or wrong answers to the questions we are asking you to complete and all answers are useful. We are interested in your own personal views, not what you think we want to hear. All information retrieved will be kept anonymised.

By completing and returning this questionnaire, I consent for my response to be included in data analysis for this study. If you do not consent for your response to be used in this study, please do not proceed.

SECTION A: DEMOGRAPHIC INFORMATION

This section of the questionnaire is concerned with gathering some details about you.

1. Last four digits of Student Number (Please Enter)

2. What age are you? (Please Enter) _____

3. What is your gender? (Please Tick one) Male ☐ Female ☐ Rather Not Say ☐

4. What is your nationality? (Please Tick one) EU ☐ Non-EU ☐ Rather Not Say ☐

5. Where did you undertake you placement? (Please Tick one)

Community Pharmacy - Large group (6 or more pharmacies) ☐

Community Pharmacy - Small group (5 or less pharmacies) ☐

Community Pharmacy - Single outlet independent ☐

Other (Please Specify):

6. On how many placement half-days, during your 12 weeks, did you spend with you assigned supervisor? (Please tick one)

0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐
11 ☐ 12 ☐

SECTION B: Survey of Student Pharmacist Professional Involvement and Experiences

The following questions have to do with your experiences as a student pharmacist. As you respond, think about your work experiences as a student in the profession of pharmacy.

Please read each statement and decide how often you feel this way. If you have had this feeling, indicate how often you feel it by putting the number (from 1 to 6) that best describes how frequently you feel that way.

Never	Almost	Rarely	Sometimes	Often	Very Often	Always
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Please indicate how often you feel the way described by circling the most relevant number for each statement.

Statement	Rating						
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I have inspiring conversations about pharmacy	0	1	2	3	4	5	6

Statement	Rating						
I feel like I belong in pharmacy	0	1	2	3	4	5	6
Someone in the profession cares about my professional development	0	1	2	3	4	5	6
Someone in the profession cares about me	0	1	2	3	4	5	6
Being a part of the profession energizes me	0	1	2	3	4	5	6
I am passionate about the profession	0	1	2	3	4	5	6
I am proud to be a student pharmacist	0	1	2	3	4	5	6
What I do as a student pharmacist is valuable	0	1	2	3	4	5	6
I will strive to advance pharmacy practice	0	1	2	3	4	5	6
The profession of pharmacy gets me excited	0	1	2	3	4	5	6
I have somebody I look up to in the profession of pharmacy	0	1	2	3	4	5	6
I feel involved in my profession	0	1	2	3	4	5	6
I have the opportunity to apply what I have learned	0	1	2	3	4	5	6
I am excited about the future of pharmacy	0	1	2	3	4	5	6

Statement	Rating						
I feel connected to others in the profession	0	1	2	3	4	5	6
I will have a positive impact on the profession	0	1	2	3	4	5	6
As a student pharmacist, I can make a positive difference	0	1	2	3	4	5	6

SECTION C: CONNECTION WITH PATIENTS

Please indicate your level of agreement with the following statements regarding your personal experiences of your longitudinal placement by placing a ✓ in the appropriate box:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
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The patient is at the centre of everything that I do as a student pharmacist.					
When considering if a prescription is appropriate, I think more about the disease rather than the person.					
It is important to consider a patient's view(s) when making clinical decisions.					
It is important to gather all information from patients, regardless of how it makes them feel.					
I prioritise patient-centred care in my role as a student pharmacist.					
The busy role of a community pharmacist makes it difficult to provide patient-centred care.					

I had the opportunity to make professional connections with a patient during the placement					
The longitudinal nature of the placement provided me with the opportunity to follow up on the same patient.					

SECTION D: CURRICULUM INTEGRATION

Please indicate your level of agreement with the following statements regarding your personal experiences of your longitudinal placement, and your modules (immunology, infection and sensory and protective structures) by placing a ✓ in the appropriate box:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The placement and modules were well integrated.					
The placement learning activities supported me in my placement.					
The placement learning activities were well linked to the modules.					
The placement provided me with the opportunity to apply knowledge learned from modules.					

The placement helped me contextualise the material I was learning in my modules					
The academic programme and the placement were like two parts of a single learning experience.					

SECTION E- FINAL QUESTIONS

What are your expectations for the longitudinal placement?

Are there any ways you would like to see the placement improved?

What was the best thing about the longitudinal placement?

What was the worst thing about the longitudinal placement?

What was most useful about the integrated learning activities?

Any other comments?

This is the end of the questionnaire.

Thank you for taking the time to complete it. This information will be very useful.

Please remember that all information you have provided will remain anonymised.