Project ECHO NI Evaluation:

Question bank (February 2020)

This document has been designed to assist network leads with evaluation of their ECHO networks.

Document prepared by: Janet Diffin (Evaluation Fellow)

Contents

Process evaluation (mid-point survey)

Process evaluation questions are useful for the continuous improvement of your network and will provide useful insight around which components are working and which may need adjustment e.g. are the sessions perceived as high quality? Are the topics relevant? Are any improvements to the network needed? Is the timing of the ECHO sessions still suitable?

A short survey with closed questions can be issued at end of each ECHO session using the Zoom polling function to capture feedback from attendees instantly. You could also issue one or two open questions to participants using the chat function within zoom e.g have you today's sessions useful? Was the content of today's sessions relevant to your practice? Have you been able to put anything into practice that you have learned during the ECHO sessions? Alternatively, an online survey with closed and/or open questions could be issued using software such as SurveyMonkey after session four (to avoid survey fatigue). It should be noted that the online survey will most likely provide you with the most useful information.

This data can support your network activity data and any observations from your ECHO sessions that you may record and help you to make any adjustments based on the feedback you receive e.g. timing of sessions, length of presentations.

Example questions

Assessing usefulness of the sessions
- I have learned something new today/in the previous 4 ECHO sessions that will be useful to my practice/service (strongly agree – strongly disagree)
                                        OR
- Participation in this ECHO session/ in the previous 4 sessions will help inform a change in my practice (strongly agree – agree- undecided – disagree – strongly disagree)

- Have you learned something new in the ECHO sessions that has made a difference to your practice? (Yes/No)

If yes, please describe

Assessing the quality of sessions
- How would you rate the quality of your ECHO session/s today/to date? (very low quality – very high quality)

Example survey

This short survey was issued to participants via survey monkey after the 4th ECHO session to get some early feedback on the quality and relevance of the sessions, and any suggestions for improvement.

1. How many ECHO sessions have you attended so far?

2. How would you rate the quality of the ECHO sessions you have attended?
- o 1 – very low quality
- o 2 – low quality
- o 3 – Neither high or low quality
- o 4 – high quality
- o 5 – very high quality

- Any comments

3. Do you have any comments on the usefulness of the case studies that have been presented during the ECHO session(s) you have attended?

4. Have you learned something new in the ECHO sessions that has made a difference to your practice?
- Yes
- No
If yes, please describe

5. Do you have any suggestions for improvement for this ECHO network at this stage?

6. Do you have any other comments?

Outcome evaluation

A retrospective survey can be issued after the final ECHO session to assess the outcomes for the participant, and the wider impacts they feel that participation in the network has had on their practice or service.

Using Zoom: the polling option in zoom can be used at the end of your final session to administer a short survey. It should be noted that this option only allows one response per device so if a group of people tend to join using one device, this option may not be appropriate. You will only be able to capture feedback from people who actually attend the session and only closed questions can be used. If you do choose to use the zoom polling function, we recommend a maximum of 10 questions. If you provide your IT officer with the survey questions, they will upload these for you and share the results.

Online survey: an online survey can also be created in software such as SurveyMonkey and issued after the final session. The benefit of an online survey is that you can include open questions and you can send to all registered participants within the network. This survey can be emailed out to participants by your network co-ordinator.

The questions below are examples from previous ECHO surveys. You may of course also think of your own questions to help identify if your network objectives have been met.

Knowledge

These retrospective questions can be used to determine if the use of ECHO improves the participant's knowledge, skills, competence – you can insert details on the specific areas you wish to assess – this may be a general area or specific topics that you covered in your curriculum.

- **Participation in the ECHO sessions has developed my clinical knowledge in <u>pain assessment in advanced dementia</u> [insert own topic area]** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Participation in the ECHO sessions has developed my clinical skills in <u>pain assessment in advanced dementia</u> [insert own topic area]** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Participation in this ECHO network has increased my knowledge in_____[insert own topic area]** (1 = Strongly Disagree, 5 = Strongly Agree)

- **My knowledge of _____ [insert own topic area] has increased as a result of participation in this network** (1 = Strongly Disagree, 5 = Strongly Agree)

You could also get people to reflect on their knowledge pre-and post ECHO.

Please indicate your level of skills, knowledge or competence in [insert topic area]:

	Not at all confident	Only slightly confident	Somewhat confident	Moderately confident	Very confident
PRIOR to participating in this network					
AFTER participating in this network					

Pre- and post- knowledge assessment can be used if you are clear from the outset on the curriculum being delivered and the key areas you wish to assess knowledge gain i.e. you can issue the same questions and examine changes over time. However, it should be noted that at baseline some participant's may be unwilling to disclose a lack of knowledge in a particular area; or knowing the program aims to increase their knowledge, the participant may over-rate the extent of their knowledge in the post-ECHO question. You also need to be able collect data from the same individuals and have a method of linking completed baseline surveys to completed post-ECHO surveys (the alternative is to aggregate the data or ask at Time-Point 2 if they completed the baseline survey but this is not the ideal scenario).

- **Please rate your level of skills, knowledge or competence in relation to each of the following concepts**

	None or no skill	Vague knowledge	Slight knowledge	Average amongst my peers	Competent	Very competent	Expert, teach others
[insert topic areas]							

Confidence

These retrospective questions can be used to determine if the use of ECHO improves the participant's self-rated skills and confidence in relation to the areas you wish to assess (self-efficacy).

- **My confidence in my ability to _____ [insert own topic area] has increased since participating in this ECHO network** (1 = Strongly Disagree, 5 = Strongly Agree)

- **Participation in this ECHO network has increased my confidence in**

_____ [insert own topic area] (1 = Strongly Disagree, 5 = Strongly Agree)

You could also get people to reflect on their knowledge pre-and post ECHO

- **Please indicate your level of skills, knowledge or competence in**
_____ [insert own topic area]:

	Not at all confident	Only slightly confident	Somewhat confident	Moderately confident	Very confident
PRIOR to participating in this network					
AFTER participating in this network					

Pre & Post ECHO assessment of confidence/self-efficacy is also appropriate i.e. you can issue the same questions and examine changes over time. The same caution should be applied as with evaluating knowledge pre- and post.

- **I am confident in my ability to** _____ [insert own topic area] (1 = Strongly Disagree, 5 = Strongly Agree)
- **Please rate how confident you feel in your ability to** [insert]

	Not at all confident	Only slightly confident	Somewhat confident	Moderately confident	Very confident
[insert topic areas]					

Behaviour Change

This retrospective question is focused on intentions to change behaviour as a result of lessons learned through participation in the network.

- **In the next 3 months, how likely are you to use the new information that you have learned in Project ECHO when treating a patient?** (1 Extremely unlikely - 5 Extremely unlikely)
- **In the next 3 months, how likely are you to use the new information that you have learned in Project ECHO?** (1 Extremely unlikely - 5 Extremely unlikely)

Knowledge transfer

This retrospective question is focused on whether participant's disseminate the knowledge they learn through the ECHO sessions to others.

- **I apply knowledge learned in the ECHO sessions to other patients who have similar symptoms in my care** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I teach other clinical staff what I have learned in the ECHO sessions** (1 = Strongly Disagree, 5 = Strongly Agree)
- **After gaining expertise in** [insert own topic area] **addressed in Project ECHO, I am comfortable teaching others what I have learned** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I plan to share what I have learned during the ECHO sessions with member of my team** (1 = Strongly Disagree, 5 = Strongly Agree)

Communication/collaboration

These retrospective questions focus on areas related to improved communication or collaboration.

- **Access to specialist expertise and consultation is an important area of need for me and my care staff team** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Collaboration with specialists and physicians from other specialties has been a benefit to my clinical practice/role** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Collaboration among <u>agencies/other services/other Health and Social Care Trusts</u> [insert own text] in Project ECHO is a benefit to my service/organisation.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Participation in the ECHO sessions have improved the way that health professionals communicate with each other about_____**[insert own topic areas] (1 = Strongly Disagree, 5 = Strongly Agree)
- **I am connected to and respected by the specialists in the ECHO network in which I participate** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I am connected with peers in the ECHO telehealth clinic whose opinion I respect for professional advice and consultation.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I learn with guidance from Project ECHO specialists in _____ [insert own topic area] whose knowledge and skills I respect.** (1 = Strongly Disagree, 5 = Strongly Agree)

Benefits to participants (spokes)

These retrospective questions focus on areas related to benefits to the participant (spoke).

- **I am developing my <u>clinical expertise</u> through participation in Project ECHO.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Access to expertise in _____ <u>[insert own topic area]</u> has benefitted my clinical knowledge and practice** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Participation in this ECHO network has diminished my professional isolation.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Participation in this ECHO network has enhanced my professional satisfaction.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Participation in this network has given me access to education that would have been hard to access due to geography.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I found participation in this ECHO network enjoyable** (1 = Strongly Disagree, 5 = Strongly Agree)

Benefits to service

These questions relate to potential benefits of shared learning to the service

- **Has there been any changes to policy or procedures within your work place because of the learning through this ECHO network?** (Y/N)
  If yes please describe
- **Has participation in this ECHO network influenced the strategic direction of your team in any way?** (Y/N)
  If yes please describe
- **Has participation in this network increased your knowledge of service initiatives across other organisations/teams/services?** (Y/N)
  If yes please describe
- **Have you discussed the learning from ECHO sessions at local team meetings?** (Y/N)

Benefits to patients

- **Participation in this ECHO network has improved the care I provide for my patients.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Project ECHO has expanded access to <u>XX treatment</u> [insert own topic areas] for patients in our community.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Through participation in this Project ECHO network, I am learning best practice care in _____ <u>[insert own topic area]</u>.** (1 = Strongly Disagree, 5 = Strongly Agree)

Project ECHO as a methodology

These questions assess the usefulness of ECHO in meeting knowledge and support needs – this is helpful to evidence rationale for moving from Year 1 to Year 2.

- **Learning about _____[insert own topic area] through participation in this ECHO network is an effective way to enhance clinical knowledge and skills.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Case-based learning as the focus for discussion is an impactful way of learning** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I learned from those who presented a case within this ECHO network** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Didactic sessions during the ECHO sessions were an effective way for me to develop my clinical knowledge and skills.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I would continue to attend ECHO sessions for _____[insert own topic areas]** (1 = Strongly Disagree, 5 = Strongly Agree).
- **I believe that this ECHO network should be continued for _____ [insert own topic areas].** (1 = Strongly Disagree, 5 = Strongly Agree)
- **The format of ECHO helps translate knowledge from teaching into practice more than other teaching sessions I have been involved in.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **I would recommend ECHO to other healthcare professionals in my area.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **How do you rate your overall ECHO experience?** (1- poor, 5- excellent)

Case presenters

These questions can be used to gather feedback from those participants who presented a case.

- **Did you present a case in any of the ECHO sessions?** (Y/N)

If yes:
- **I am confident/comfortable presenting cases during an ECHO session.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Presenting a case in an ECHO session benefitted the patient in my care.** (1 = Strongly Disagree, 5 = Strongly Agree)
- **Presenting a case in an ECHO session was a benefit to my practice.** (1 = Strongly Disagree, 5 = Strongly Agree)

If no:

- **I would be confident/ comfortable presenting a cases in the future.** (1 = Strongly Disagree, 5 = Strongly Agree)

Open question examples

These questions can be added at the end of your online survey to gather more in-depth feedback from participants. You can also add any 'Any other comments' below any of the other questions you ask within your survey for more detailed feedback.

- **What has been the main impact of project ECHO on your practice?**
- **What aspect of Project ECHO has been most useful?**
- **Is there anything that could have been better?**

- **What was the most beneficial aspect of ECHO for you personally and professionally?**
- **What was the least beneficial aspect of ECHO for you?**
- **Are there any ways in which ECHO could be improved?**

- **Please list two points of new knowledge for you have gained participating in this ECHO network and briefly explain how you plan to embed them in your clinical practice.**

- **As a result of participation in this ECHO network, do you intend to make any changes to your professional practice? If yes, what changes do you plan to make?**

- **Have you been able to implement any of the learning from the ECHO sessions you participated in? (Y/N)**
  If yes, please describe

- **Have you experienced any barriers to participation in this ECHO network? If so, please provide some details on the barriers and how you feel these could be overcome?**

Thinking ahead

You may wish to ask if people would like to continue in participating in the network and if so, which topics they would like to be covered in the next block of sessions. You could also ask

about practical issues such as preferred days/times. This will be helpful preparation for your next curriculum setting day if you proceed with another year.

Interviews and focus groups

You may also wish to carry out some 1:1 interviews or group discussions with your network. However, it is worth considering if you have the resources to transcribe and summarise 1:1 interviews as this approach may produce may produce a lot of data depending on the number of interviews. One way of overcoming this is to target a small sample of 'low' and 'high' attenders. Another option is to schedule in a ½ hour discussion within your final ECHO session and pose a few key questions to the group.

Example questions are provided below:

- **How did you feel about Project ECHO being used in your area?**
- What were your initial impressions of Project ECHO?
- Did you feel it was appropriate in your area of work?
- Did you have any concerns/worries?

- **What did you hope to get out of participating in the ECHO network?**
- Knowledge? Peer support? Access to expert advice?

- **How confident were in your ability to take part in the ECHO sessions?**
- Did you have any concerns about technology? Was this a barrier?

- **How prepared did you feel you were to take part in Project ECHO sessions?**
- Is anything that could helped you to be better prepared?

- **Did you encounter any barriers to participation in the ECHO network?**
- If yes can you describe these?
- What solutions could overcome these barriers?
- What support would you need to take part in an ECHO network?

- **What are your views on the suitability of the ECHO model in meeting your knowledge and support needs?**

- **What do you feel you have gained from participating in this network?**
- Did you learn from the education presentations? The case presentations?
- Have you applied knowledge gained from participation in this network to your practice? Can you give a specific example?

- Do you feel patients in your care have benefited from knowledge gained?
- Has this new knowledge enabled you do something that you would not have been able to do otherwise?
- Do you feel value being part of network has brought worth time/commitment required to participate in this ECHO network?
- Do you feel like you were part of a community of practice?

- If you could pick one thing, what would you say has been the significant impact for you (or for your service) from participating in this ECHO network?

- **Have you shared what you have learned with your colleagues?**
- If so, was this done formally/informally?
- Do other members of your team participate in the ECHO sessions? Do you discuss learning as a team?
- Has the learning from ECHO had any impacts on your service/team?

- **Do you feel participating in this network has impacted on your confidence in any way [in relation to patients with XX]?**
- If yes, what aspect of ECHO do you feel helped increased your confidence? Was it through acquiring new knowledge in the education presentations or case presentations? Was it through discussions with others?

- **Moving forward, would you like to participate in an ECHO network in the future?**
- If yes why? Can you see potential benefits of ECHO to your practice?
- If no, why not?
- How long do you feel you would benefit from being part of this network? Is there point at which you feel it would come to an 'end' or how could it evolve to continue to meet the needs of the participants?

- **Do you have any other comments?**

1. Example outcome evaluation surveys: General questions

IMPACT AgeWell community pharmacy: (YR1 18-19)

	1-3	4-6	7-9
1. How many ECHO sessions did you attend?			

	Yes	No
2. Did you find participating in this ECHO Network enjoyable?		
3. Did you experience any barriers to participation in this ECHO network? - **If yes, please provide some details on the barriers and how you feel these could be overcome?**		
4. Would you recommend participation in this ECHO network to others? - **Any other comments?**		
5. Did you access Moodle (this includes the recordings of sessions, power-point presentations and case presentations) - **If yes, was this a useful resource for you?**		

	Yes	No
6. Have you included your learning from the ECHO sessions in your CPD? - **If no, could you give some reasons why?**		

7. What was the most beneficial aspect of participating in this network?

8. What was the least beneficial aspect of participating in this network?

9. Are there any ways in which this network could be improved in the future?

10. Please list any clinical topics that apply to community pharmacy that you would like to see covered in Year 2 of our network

11. Please list any topics that you need more practical support and guidance with that you would like **us to cover in Year 2 of our network**

	Yes	No
12. Sessions in Year 2 will be at 7.30pm on Tuesday evenings. Is this a suitable time for you?		
Any comments?		

2. Social Care ECHO network examples
Northern Ireland Social Care Council (Year 1 19-20)

	1-3	4-6	7-9
1. How many ECHO sessions did you attend?			

	Very low quality	Low quality	Neither high or low quality	High quality	Very high quality
2. How would you rate the quality of the ECHO sessions you have attended?					

	Yes	No
3. Were the topics covered in the ECHO sessions relevant to your role		
Any comments?		

	Strongly disagree	Disagree	neutral	agree	Strongly agree
4. Learning through Project ECHO is an effective way to enhance my knowledge and skills.					
5. I would recommend Project ECHO as a useful learning tool to others					
6. Participation in this ECHO network has helped me to feel more supported in my role.					
7. This ECHO network has helped facilitate the development of relationships between domiciliary care managers.					
8. Participation in this ECHO network has enhanced my understanding of 'good practice' in domiciliary care					

	Yes	No
9. Have you been able to implement any of the learning from the ECHO sessions you participated in		
If yes please describe?		

	Yes	No
10. Has there been any changes to policy within your work place because of the learning through this ECHO network?		
If yes please describe		

	Yes	No
11. Has participation in this ECHO network influenced the strategic direction of your team in any way?		
If yes please describe		

12. What aspect of this ECHO network have been most useful for you?

13. Is there anything that could have been better?

14. Do you have any other comments?

Safeguarding (Year 1 19-20)

	1-3	4-6	7+
1. How many ECHO sessions did you attend?			

	Yes	No
2. Did you find participating in this ECHO Network enjoyable?		
3. Were the topics covered in the ECHO sessions relevant to your practice? **- Do you have any comments?**		
4. Did you experience any barriers to participation in this ECHO network? **- If yes, please provide some details on the barriers and how you feel these could be overcome?**		

5. Please rate your level of agreement with the following statements:

	Strongly disagree	Disagree	neutral	agree	Strongly agree
Case-based learning as the focus for discussion is an impactful way of learning					
I would recommend Project ECHO as a useful learning tool to others					
Participation in this ECHO network has helped me to feel more supported in my role.					
Participation in this ECHO network has enhanced my working understanding of the neglect strategy					
Participation in this ECHO network has helped me to better understand the roles and responsibilities of key practitioners in relation to neglect					
Participation in this ECHO network has helped me to make better informed referrals to social services					
Participation in this ECHO network has enhanced my working understanding of neglect.					

6. Have you been able to implement any of the learning from the ECHO sessions you participated in? (Y/N)

- If yes, please describe

7. Has there been any changes to policy, practice guidance, or processes within your work place because of the learning through this ECHO network? (Y/N)

- If yes, please describe

8. Has participation in this ECHO network influenced the strategic direction of your team in any way?

(Y/N)

- If yes, please describe

9. Would you like to participate in this network again? Y/N

10. Please list any topics that you would like to see covered if we continued for another year

11. With regards the timing of ECHO sessions, which would be most suitable for you?

-Morning/Lunchtime/Late afternoon

- Any comments?

11. What aspect of Project ECHO has been most useful?

12. Is there anything that could have been better?

13. Do you have any other comments?

3. Clinical focused networks

Gynaecology network (YR 1 18-19)

	Strongly disagree	Disagree	neutral	agree	Strongly agree
1. My understanding of common gynaecological conditions in primary care has improved as a result of participation in this ECHO Network.					
2. My confidence in treating common gynaecological problems has improved as a result of participation in this ECHO Network.					
3. My understanding of the local referral processes for gynaecological and the services available has improved as a result of participation in this ECHO Network.					
4. I have been able to apply the principles learned from as a result of participation in this ECHO network to my clinical practice					
5. I have been able to reduce my referrals to secondary gynaecological care as a result of participation in this ECHO Network.					
6. My secondary care colleagues are more approachable and willing to provide advice without the need for a referral as a result of participation in this ECHO Network.					
7. ECHO technology has provided access to education which otherwise would have been difficult to access due to time constraints and travel distance					

8. Which ECHO topics did you find most beneficial?

	yes	no
9. Would you like to participate in future gynaecology ECHO networks? - If yes, which topics would you like to be covered?		

10. What was the least and most beneficial aspect of participating in this network?

Neurology network (YR1 18-19)

	Strongly disagree	Disagree	neutral	agree	Strongly agree
1. Participation in this ECHO network has developed my clinical skills in neurology					
2. My confidence in assessing and managing neurological conditions has improved as a result of participation in this ECHO Network.					
3. I apply knowledge learned through the ECHO neurology sessions to other patients in my care who have similar symptoms					
4. My participation in this ECHO network has enhanced my professional satisfaction					
5. I am connected to and respected by the specialists in ECHO network in which I participate					
6. Case-based learning as the focus for discussion is an impactful way of learning					
7. Didactic sessions during the neurology ECHO sessions were an effective way for me to develop my clinical knowledge and skills					

	Headache	Epilepsy	Chronic neurodisability
8. Would you be interested in attending any of the following more focused neurology ECHO networks			

9. Can you give a brief example of how attending the neurology ECHO sessions has impacted on or changed your practice?

10. Please make any other comments in relation to what was most and least beneficial about participating in this ECHO network. All feedback (positive and negative) is very welcomed.

Dermatology network (YR1 18-19)

	Strongly disagree	Disagree	neutral	agree	Strongly agree
1. Participation in this ECHO network has enhanced my clinical knowledge of dermatological conditions and treatments					
2. Participation in this ECHO network has enhanced my confidence in the clinical management of dermatological conditions					
3. Access to specialist expertise in dermatology has benefited my clinical knowledge and practice					
4. I apply knowledge learned through the ECHO dermatology sessions to other patients in my care who have similar symptoms					
5. As a result of this ECHO Network, I am more likely to seek timely specialist advice or input from a dermatology specialist to assist me in managing individual patients.					
6. Participation in this ECHO network has helped reduce my referrals to secondary dermatology care					
7. Participation in this ECHO network has enhanced my professional satisfaction					
8. Case-based learning as the focus for discussion is an impactful way of learning					

	1-3	4-6	7-9
10. How many ECHO sessions did you attend?			

	Yes	No
9. Would you recommend ECHO as a useful learning tool to other professionals in your area?		

11. What has been the main impact of Project ECHO on your practice?

12. What aspect of Project ECHO has been most useful?

13. Is there anything that could have been better?

14. Do you have any other comments?

Dementia network (YR2 18-19)

	Strongly disagree	Disagree	neutral	agree	Strongly agree
1. Participation in this ECHO network has helped to develop my clinical knowledge of dementia					
2. Participation in this ECHO network has helped to develop my clinical skills in dementia care					
3. Participation in this network has helped to increase my confidence in relation to managing the complex symptoms of people with dementia					
4. I have applied knowledge gained from participation in this ECHO network to my everyday clinical practice					
5. Participation in this ECHO network has enhanced my professional satisfaction					
6. Learning through ECHO is a good way to form professional relationships with colleagues from different disciplines					
7. Case-based learning as the focus for discussion is an impactful way of learning					
8. Access to specialist expertise in dementia has benefited my clinical knowledge and practice					

	1-3	4-6	7-9
9. How many ECHO sessions did you attend?			

	Yes	No
10. Would you recommend ECHO as a useful learning tool to other professionals in your area?		

11. What has been the main impact of Project ECHO on your practice?

12. What aspect of Project ECHO has been most useful?

13. Is there anything that could have been better?

14. Do you have any other comments?

Western Optometry network: (YR 1 19-19)

	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree
1. Participation in this ECHO network has *improved my clinical knowledge* in ophthalmic assessment and clinical decision making.					
2. I feel that my *confidence in assessing and managing* a range of ophthalmic conditions has improved as a result of participation in this ECHO Network.					
3. I have *applied knowledge* learned through the ECHO sessions to the *clinical decision making* for patients in my care.					
4. My participation in this ECHO network has *enhanced my professional satisfaction*.					
5. I feel *more connected to my Optometry peers* in the ECHO network because of my participation and would be *more confident in approaching* them outside of ECHO.					
6. I feel *more connected to and respected by* the specialists in ECHO network in which I participate.					
7. Case-based learning as the focus for discussion is an intelligent and effective method of learning.					
8. Didactic sessions during the ECHO sessions were an effective way for me to develop my clinical knowledge and skills.					
9. I would feel confident *in sharing knowledge and experience* gained through the ECHO network with colleagues that have not been involved in ECHO.					
10. ECHO has facilitated the development of relationships between primary care optometrists.					
Please answer the following questions	**No**		**Yes**		
11. Are you interested in continuing to be involved in the Optometry-Ophthalmology ECHO network? - Any comments?					
12. Are you willing to bring case presentations to any future ECHO programme for the network?					

- **If no, could you give a reason why?**					

**13. Would you recommend ECHO as a learning tool
to other Optometrists?**

- **Any comments?**

**14. Were the topics covered in each of the 10
sessions useful to your clinical practice?**

- **Any comments?**

15. Please provide an example of how your clinical knowledge and confidence <u>and</u> the application of these in your clinical practice have changed as a result of your involvement in ECHO.

Note: This may be a general comment or, you can a specific example of a patient interaction which you feel has changed and benefited from your experience with ECHO.

16. Do you feel that ECHO could support Optometrists in primary care to provide additional services in primary care? (Y/N)

If yes, please give an example of your thoughts on this question

17. What aspects of this network have been most useful for you?

18. What aspects of this network have been least useful for you?

19. Do you have any suggestions for the improvement of this network in the future?

20. Do you have any other comments?

4. Palliative Care focused networks

Paediatric Palliative Care network

	Strongly disagree	Disagree	neutral	agree	Strongly agree
1. Participation in this ECHO network has developed my clinical knowledge in paediatric palliative care					
2. Participation in this ECHO network has helped to develop my clinical skills in paediatric palliative care					
3. Participation in this network has helped to increase my confidence in relation to managing the complex symptoms of children requiring palliative care					
4. Participation in this ECHO network has enhanced my professional satisfaction					
5. The format of ECHO helps translate knowledge from teaching into practice more than other teaching sessions I have been involved in					
6. Case-based learning as the focus for discussion is an impactful way of learning					
7. In the next 3 months, how likely are you to use the new information that you have learned in Project ECHO when treating a patient?	Extremely unlikely	unlikely	neutral	likely	Extremely likely
8. I would recommend ECHO to other healthcare professionals in my area	Strongly disagree	Disagree	neutral	agree	Strongly agree

9. How many ECHO sessions did you attend?
10. Have you used any of the online resources via Moodle? (please tick all that apply)

Power-point presentations / Video of the teaching sessions/ Video of case presentations / Other supporting materials/ did not access moodle

- If yes, did you find these useful?

11. What has been the main impact of Project ECHO on your practice?
12. What aspect of Project ECHO has been most useful?
13. Is there anything that could have been better?
14. Do you have any other comments?

Marie Curie network (YR1 18-19)

	Strongly disagree	Disagree	neutral	agree	Strongly agree
1. Participation in this ECHO network has developed my clinical knowledge in palliative care					
2. Participation in this ECHO network has increased my confidence in dealing with end of life care scenarios					
3. Participation in this ECHO network has helped improve the service I provide to palliative care patients and their carers					
5. Learning through Project ECHO is an effective way to enhance clinical knowledge and skills					
6. ECHO technology has given me access to education that would have been hard to access due to geography					
7. Participation in this ECHO network has diminished my professional isolation					
	Extremely unlikely	Unlikely	Neutral	likely	Extremely likely
8. In the next 3 months, how likely are you to use the new information that you have learned in Project ECHO?					

	Yes	No
9. Would you recommend ECHO as a useful learning tool to other professionals in your area?		
Any other comments?		

	1-3	4-6	7-9
10. How many ECHO sessions did you attend?			

	Yes	No
11. Did you find participating in ECHO enjoyable?		
Any other comments?		

	Very low quality	Low quality	Neither high or low quality	High quality	Very high quality
12. How would you rate the quality of the facilitation during the ECHO sessions?					

13. Could you give an example of how participating in this ECHO network has impacted on your practice?

14. What aspect of Project ECHO has been most useful?

15. Is there anything that could have been better?

16. Have you experienced any barriers to participation in this ECHO network? If so, please provide some details on the barriers and how you feel these could be overcome?

17. Do you have any other comments?

Nursing home survey

1. **What is your role?**

	1-3	4-6	7-9
2. How many ECHO sessions did you attend?			

3. In relation to your learning, please rate how effective you found the:

	Not at all effective	Slightly effective	Moderately effective	Very effective	Extremely effective
Education presentations by speakers					
Case based discussions / learning from each other					
Any comments					

4. Please rate your agreement with the following statements

	Strongly disagree	disagree	Neither agree or disagree	agree	Strongly agree
Participation in this ECHO network has increased my knowledge of palliative and end of life care					
I have found participation in this ECHO network enjoyable					
Participation in this ECHO network has helped me to feel more valued within my role in caring for people with palliative and end of life needs					
The format of ECHO helps translate knowledge from teaching into practice more than other teaching sessions I have been involved in					
ECHO technology has given me access to education that would have been difficult to access due to geography					

	Yes	No
5. Would you recommend ECHO as a useful learning tool to other professionals in your area?		
Any other comments?		

	Yes	No
6. Do you think that participating in ECHO has had any impacts on your everyday practice?		
Any other comments?		

	Yes	No
7. Has participation in this network increased your knowledge of practice and procedures within other nursing homes?		
If yes, please describe		

	Yes	No
8. Have you used Moodle to access any of the teaching sessions or presentations?		
If yes, did you find it useful? If not, why?		

	Yes	No
9. Did you experience any technical difficulties?		
If yes, did this impact on your learning?		

	Bad	Poor	Fair	Good	Excellent
10. How would you rate your overall ECHO experience?					
Any comments					

	Yes	No
11. Would you participate in ECHO sessions in the future if the opportunity arose?		
Any comments?		

11. Do you have any other comments?

5. Pre-and Post ECHO survey examples

Positive Behaviour Support network

1. How many years have you worked with people with behaviours of concern?

- 0-5 years

- 6-10 years

- 11+ years

	1-3	4-6	7-9
2. How many ECHO sessions did you attend?			

3. Were the topics covered in the ECHO sessions relevant to your practice? Y/N

- Any comments?

4. Please indicate your level of knowledge in caring for people with behaviours of concern:

	Very poor	poor	average	good	Very good
PRIOR to participating in this network					
AFTER participating in this network					

5. Please indicate your level of skill (ability to perform tasks and solve problems) to care for people with behaviours of concern:

	Very poor	poor	average	good	Very good
PRIOR to participating in this network					
AFTER participating in this network					

6. Please indicate your level of confidence in your ability to care for people with behaviours of concern:

	Not at all confident	Only slightly confident	Somewhat confident	Moderately confident	Very confident
PRIOR to participating in this network					
AFTER participating in this network					

7. Has participation in this ECHO network helped you in your assessment of individuals with behaviours of concern? (Y/N)

- If yes, please describe

8. Have you been able to implement any of the learning from the ECHO sessions you participated in? (Y/N)

- If yes, please describe

9. Has participation in this ECHO network had any impacts on your everyday practice? Y/N

- If yes, please describe

10. Has there been any changes to policy within your work place because of the learning through this ECHO network?
(Y/N)

- If yes, please describe

11. Has participation in this ECHO network influenced the strategic direction of your team in any way?

(Y/N)

- If yes, please describe

12. Has participation in this ECHO network prompted you to undertake any further learning in relation to PBS?

(Y/N)

- If yes, please describe

13. Did participation in this ECHO network meet your original expectations? Y/N

- Any comments?

14. Has participation in this network resulted in any unexpected outcomes for you either positive or negative?

15. What aspect of Project ECHO has been most useful?

16. Is there anything that could have been better?

17. Do you have any other comments?

Diabetes GP network / Diabetes Nurse Training (YR1 18-19)

1. Please indicate your level of skills, knowledge or competence in managing diabetes:

	None or no skill	Vague knowledge	Slight knowledge	Average amongst my peers	Competent	Very competent	Expert, teach others
PRIOR to participating in this network							
AFTER participating in this network							

2. Please indicate your level of confidence in managing diabetes:

	Not at all confident	Only slightly confident	Somewhat confident	Moderately confident	Very confident
PRIOR to participating in this network					
AFTER participating in this network					

3. Were the topics covered useful to your practice? Y/N

- If no, please comment

4. Are there any topics you think we should have covered? Y/N

- If yes, please detail which topics you would have liked to seen covered

5. Were you happy with the format and organisation of the ECHO session? Y/N

	1-3	4-6	7-9
6. How many ECHO sessions did you attend?			

	Yes	No
7. Would you recommend this Diabetes network to a colleague?		
Any other comments?		

8. What has been the main impact of Project ECHO on your practice?

9. What aspect of Project ECHO has been most useful?

10. Is there anything that could have been better?

11. Do you have any other comments?

6. Year 2/3 surveys: Use of 'Most Significant Change'

The questions below have been used with Year 2 and Year 3 networks to obtain more in-depth responses. The majority are open questions and the aim is to gain more insight into participant's experiences of Project ECHO by collecting participants personal account of any changes that have occurred through participation in this network.

Q1. Reflecting back on your participation in this ECHO network, what do you think was the most significant change (if any) in:
- The care you provide to patients
- For you either personally or professionally
- For your service/organisation
- Your relationships with your peers
- Your relationships with your secondary care colleagues

Q2. Has participation in this ECHO network resulted in any other changes (either positive or negative)
Yes/No
- If yes, please describe this change in more detail

Q3. Have you applied knowledge gained through this ECHO network to the care of your patients? Y/N
- If yes, can you provide an example of this?

Q4. Would you like to continue to participate in this network in the future?
Yes/No
Any comments?

Q5. How would you like to see this network develop in the future?

Q6. How long have you participated in this network?
- 1 year (1 block of ECHO sessions)
- 2 years (2 blocks of ECHO sessions)
- 3 years (3 blocks of ECHO sessions)

Q7. Do you have any other comments?

Example: Paediatric Palliative Care Year 2 Evaluation survey

Q1. How long have you participated in this network?
- 1 year (1 block of ECHO sessions)
- 2 years (2 blocks of ECHO sessions)

Q2. Reflecting back on your participation in this ECHO network, what do you think was the most significant change (if any) in:
- The care you provide to patients
- For you either personally or professionally
- For your service/team
- Your relationships with your peers

Q3. Has participation in this ECHO network resulted in any other changes (either positive or negative) (Y/N)
- If yes, please describe this change in more detail

Q4. Have you applied knowledge gained through this ECHO network to the care of your patients? (Y/N)
- If yes, can you provide an example of this?

Have you shared any of your learning with other members of your team or service? (Y/N/not applicable)
- If yes please describe

Q5. Has there been any changes to policy, practice guidance, or processes within your work place because of the learning through this ECHO network? (Y/N)
- If yes, please describe

Q6. Has participation in this network increased your knowledge of service initiatives across other organisations/teams? (Y/N)
- If yes, please describe

Q7. Were the topics covered in the ECHO sessions relevant to your practice? (Y/N)
- Do you have any comments?

Q8. Would you like to continue to participate in this network in the future? (Y/N)
- Any comments?

Q9. Do you have any other comments?