

Inclusive Programmatic Assessment of Professional Body Outcomes in a New Optometry Master's Programme

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Disclosure Statement

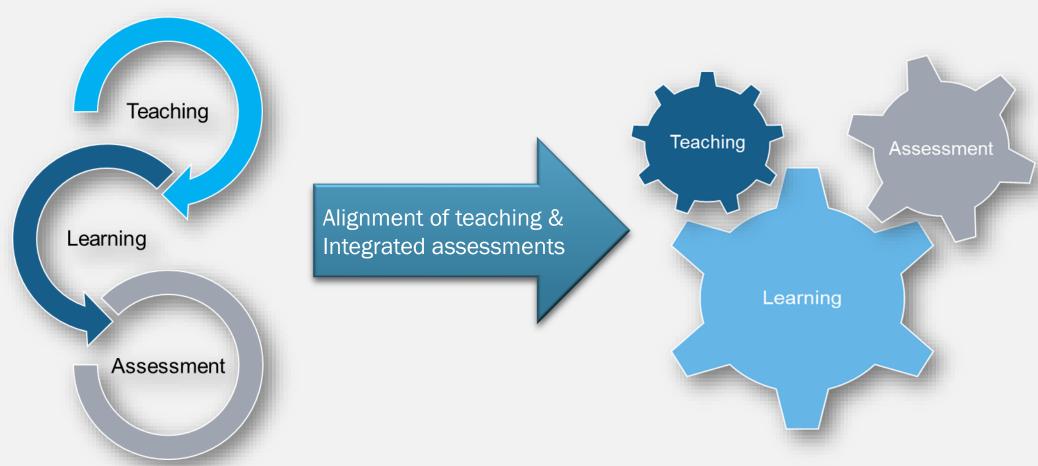
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Rethinking Assessment in Optometry

University of Central Lancashire

Blueprinting



Tracking evidence across the programme using multiple formats and experiences

PROGRAMMATIC ASSESSMENT





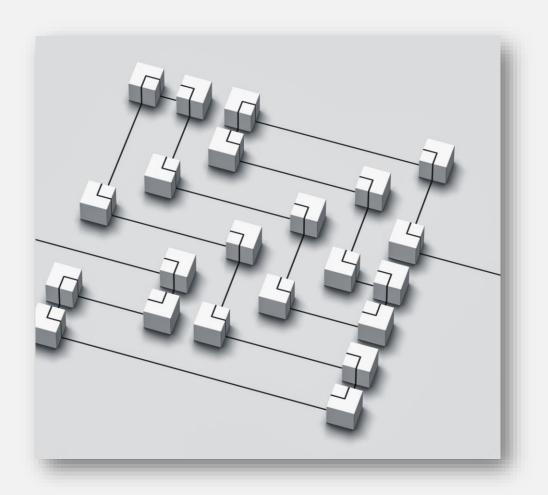
Gathering information about the students progress across the programme for each outcome.



Mapping a single session or assessment is straightforward, but mapping across a whole programme is more complex



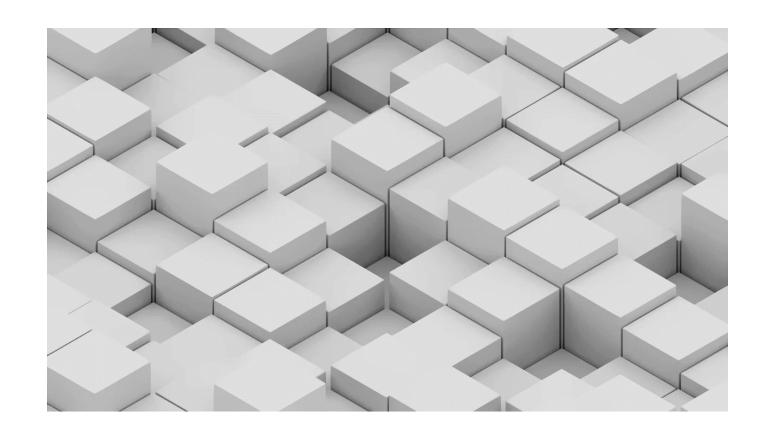
Decisions on the learner's achievement of exit level outcomes is made by a panel of experts





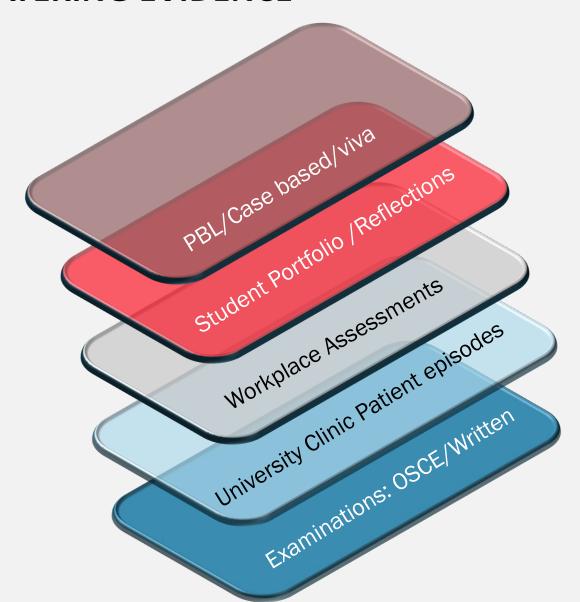
CHALLENGES IN PROGRAMMATIC OUTCOME TRACKING

- Managing large amounts of student data
- Setting guidance on what should/should not be included
- Resistance to change
- Staff, student and practicebased supervisor training
- Continuous learner and outcome monitoring



LAYERING EVIDENCE





OUTCOMES	tro tro sign of
Person centred care	
Communication	
clinical practice	MOO V
ethics and standards	
Risk	
leadership and management	
lifelong learning.	

OUTCOME TRACKING SUMMARY

Layers collect different types of assessment data



Outcomes can be met using different methods with flexible student timelines

t xible es

Each layer feeds through to a master outcome tracking document

Academic monitoring allows intervention to be put into place

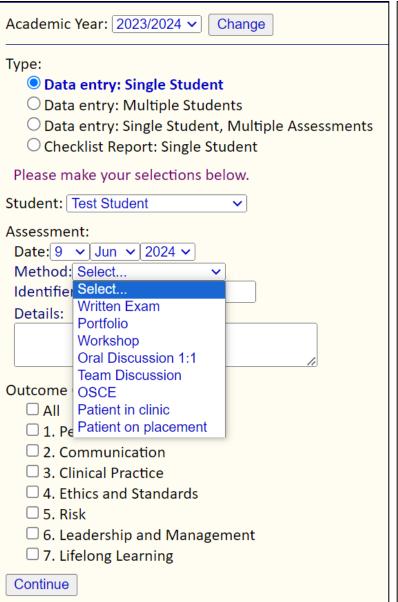
3 pieces of evidence can be collected for each outcome at each level



Student monitoring allows them to address any gaps

		1. Person centred care						Kr	nows	
☑ 01.1		Actively listens to patients and their carers to ensure patients are involved in and are at the heart of decisions made about patient's care.							✓ 18/7/23 Portfolio test ✓ 18/7/23 Portfolio test Control Contr	
V		s patients fights, respects the thortes they make and their fight to dignity and	Portfolio	□ NOt	Weekly Reflections	□NOU	Oral Discussion 1:1	□NOt	Portfolio	U
01.3	privacy.		test 18/7/23 Portfolio test Knows		Review 192407		LV case 3		test Does	Not
01.4		s high quality care is delivered and puts into place adaptative measures as needed erent environments (such as domiciliary, prisons and special schools).		□Not	☑// ☐ Knows How	□Not	☐ Shows How	□Not	N/A	
01.5		ts to care that is not compromised because of own personal conscious and cious values and beliefs.	☐ Knows	□Not	☑15/8/23 Weekly Reflections Review 192407 ☐ Knows How	Not	☐ Shows How	□Not	✓ <u>18/7/23</u> Portfolio test ☐ Does	□ Not
01.6		s and verifies continuation of valid consent from adults, children, young and able people and their carers and records as appropriate.	☑ 12/11/23 Written Exam Exam 1 ☐ Knows	□Not	☑28/5/24 Oral Discussion 1:1 LV case 3 ☐ Knows How	⊠10/2/24 OSCE abc	Shows How	□Not	✓ <u>18/7/23</u> Portfolio test ☐ Does	□ Not
01.7		strates effective clinical decision making, diagnosis, evaluation and makes riate and timely referral, where this is needed to meet a patient's needs.	□ Knows	⊠10/2/24 OSCE abc	Knows How	□ Not	☑28/5/24 Patient on placement HES ☐ Shows How	□Not	✓ <u>18/7/23</u> Portfolio test ☐ Does	□ Not
01.8		and signposts as necessary to sight loss and other relevant health services.	☑ <u>12/11/23</u> Written Exam	□Not	☐ Knows How	□Not	☑ <u>28/5/24</u> Patient on placement	□Not	✓ <u>18/7/23</u> Portfolio test	□ Not

PROGRAMMATIC OUTCOME TRACKING: MANUAL INPUT



Academic Year: 2023/2024 V Change
Type: Data entry: Single Student Data entry: Multiple Students Data entry: Single Student, Multiple Assessments Checklist Report: Single Student
Please make your selections below.
Student: Test Student
Assessment: Date: 9
Outcome Categories: All 1. Person centred care 2. Communication 3. Clinical Practice 4. Ethics and Standards 5. Risk 6. Leadership and Management 7. Lifelong Learning Continue

TRACKING OUTCOMES IN THE CLINICAL SETTING

CLIMBING MILLERS PYRAMID

University clinic (SH, Does)

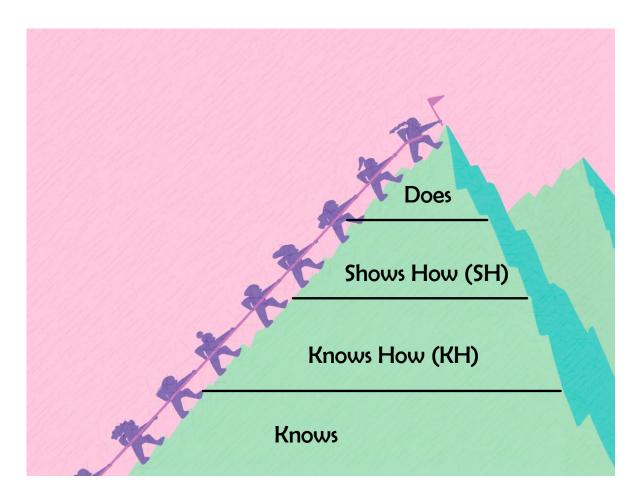
Examinations

- OSCE (SH)
- KFP*/SJ* (SH, Does)

Placements

- Observation (KH)
- SLE (SH)
- EPA (Does)
- Portfolio (SH, Does)





^{*}Key feature problems & Situational judgement

View Forms and Records

O All Forms O Current Forms

Submit

EVALUATION FORMS FOR SUPERVISORS	Records	Charts
-		
EVALUATION FORMS FOR STUDENTS	Records	Charts
-		
OTHER FORMS	Records	Charts
Year 1&2 Optometry Weekly Reflections		
<u>Year 2 Optometry Patient Episodes</u>	With the party of the control of the	
Year 2 Patient Episode continuous assessment	The Company of the Co	
GOC Outcomes Checklist	No. of Section 1	
GOC Outcomes Status Report	The Court of the C	
MOptom Supervised Learning Events	The Court of the C	

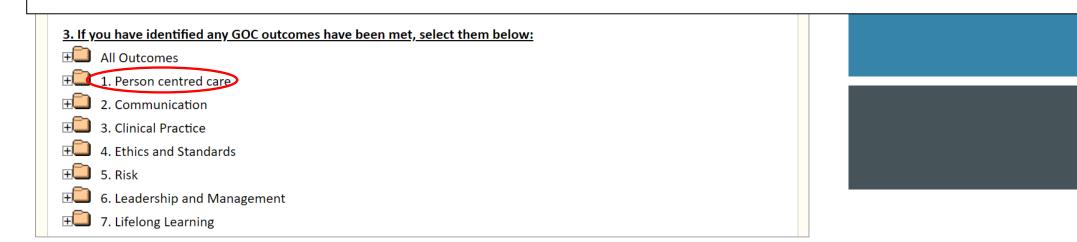
TRACKING CLINIC EXPERIENCE

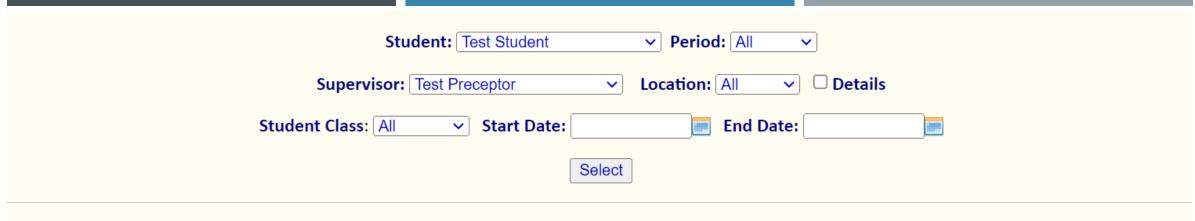


STUDENT WEEKLY

3. If you have identified any GOC outcomes have been met, select them below:

- 1. Person centred care
- ✓ O1.5 Commits to care that is not compromised because of own personal conscious and unconscious values and beliefs.



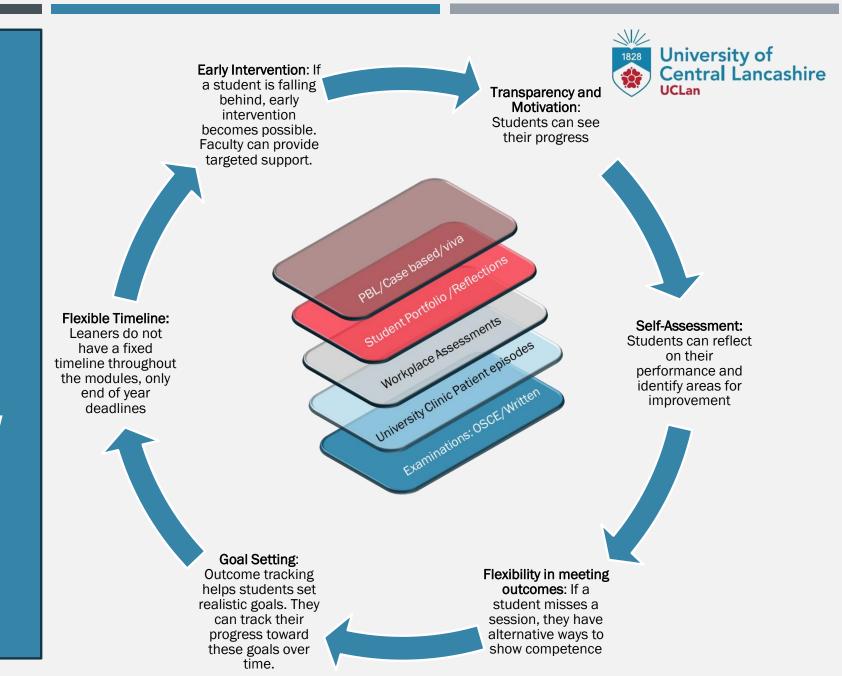


Date/time stamp	Acad.Yr.	Period 👇	Log date 👇	Student +	Supervisor +	Location +	Details	Status 🔷
29/08/2023 05:54:09 PM	2022/2023	Summer	29/08/2023	Test Student	Test Preceptor	Practice	<u>View</u>	-
01/09/2023 06:43:20 PM	2022/2023	Summer	01/09/2023	Test Student	Test Preceptor	Practice	<u>View</u>	Signed
01/09/2023 10:18:33 PM	2022/2023	Summer	30/08/2023	Test Student	Test Preceptor	Practice	<u>View</u>	Unsigned
05/09/2023 01:32:08 PM	2022/2023	Summer	02/09/2023	Test Student	Test Preceptor	Practice	<u>View</u>	Unsigned

SIGNING OFF STUDENT LINKED OUTCOMES

TRANSPARENCY: LEARNERS TRACK THEIR PROGRESS IN REAL TIME

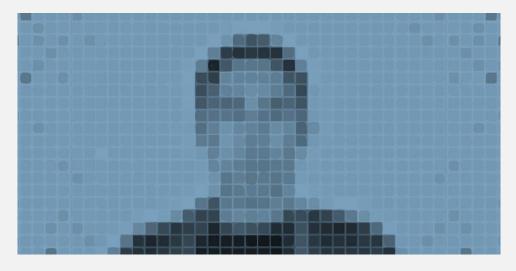
INCLUSIVITY
LEARNERS HAVE
FLEXIBILITY IN HOW
THEY MEET THE
OUTCOMES





CONCLUSION

- An inclusive approach to outcome tracking allows learners to demonstrate they have met outcomes in different ways across all 4 levels of Milers pyramid integrating different assessment strategies.
- Programmatic outcome tracking allows learners progress to be monitored throughout their journey, it identifies strengths and weaknesses whilst embedding professional body outcomes at an early stage of the programme.
- The more data points or 'pixels' we have, the clearer the picture of the student's competence, enhancing the reliability of exit outcomes
- The evidence is accessed by a panel of experts to determine if the exit outcomes have been met, with a greater focus on authentic real patient experience.



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TAKE HOME MESSAGES



- A well planned, transparent and inclusive outcome tracking system can enhance the reliability of exit outcomes
- Allows leaners multiple ways to show their competence promoting inclusive practice
- It must be balanced with other assessment methods and clinical expertise in determining exit outcomes to satisfy both the university and the regulator
- Continuously refine the outcome tracking system and use it to enhance the programme



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Thank you for your attention

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REFERENCES

- Miller GE. The assessment of clinical skills/competence/performance. Acad Med. 1990;65:S63–7.
 doi: 10.1097/00001888-199009000-00045
- Kaufman, D. M. (2003). ABC of learning and teaching in medicine: Applying educational theory in practice. BMJ: British Medical Journal, 326(7382), 213–216. https://doi.org/10.1136/bmj.326.7382.213
- General Optical Council. Requirements for approved qualification in optometry or dispensing optics. March 2021 https://optical.org/media/u5laljcz/requirements_for_approved_qualifications_in_optometry_and_dispensing_optics_pdf-8.pdf
- Alharbi, N.S. Evaluating competency-based medical education: a systematized review of current practices. BMC
 Med Educ 24, 612 (2024). https://doi.org/10.1186/s12909-024-05609-6