



Student-Run Clinics in Pharmacotherapy Education

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A glimpse of the Student-Run Clinic Amsterdam



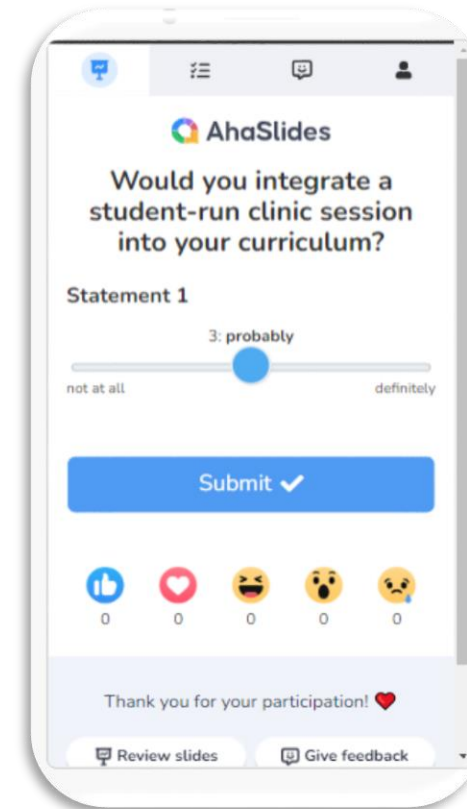
Experiences with the Student-Run Clinic Rotterdam



- Embedded in internal medicine clerkship
- Early exposure to actual prescribing
- Monthly interdisciplinary consultation incl pharmacy
- "Triple win" (student, patient, supervisor)



Would you integrate a Student-Run Clinic into your curriculum?



<https://ahaslides.com/8NURK>



International Student-Run Clinic project

- International
 - national differences in guidelines, drugs available, insurance, prescription limits
- Online
 - on paper
 - more interprofessional
 - discussions in break-out rooms
- Not bound to a clinic
 - more educational (Student-Run Medication Review)
- Voluntary
- In English
- Under ERASMUS+ Clinical Pharmacology and Therapeutics Teach the Teacher program (CP4T); seven meetings from 10/2022–05/2024



International Student-Run Clinic project

- Scientific evaluation
- Questionnaires to students and teachers from 3 sessions
- Participants:
 - 27 Students (response rate 40.0%)
 - 70% medicine, 19.2% pharmacy
 - First timers 70.8%, >1 time: 29.2%
 - 10 Teachers (response rate 55.6%)



Knowledge, skills & confidence in medication reviews



Aspect	Not at all improved [Number (%)]	Slightly improved [Number (%)]	Moderately improved [Number (%)]	Quite improved [Number (%)]	Extremely improved [Number (%)]
Improvement in knowledge about polypharmacy and medication reviews	0 (0.0%)	3 (9.4%)	14 (43.8%)	14 (43.8%)	1 (3.1%)
Improvement in skills in approaching polypharmacy and medication reviews	1 (3.1%)	5 (15.6%)	8 (25.0%)	16 (50%)	2 (6.3%)
Improvement in confidence in approaching polypharmacy and medication reviews	2 (6.3%)	6 (18.8%)	10 (31.3%)	10 (31.1%)	4 (12.5%)



International context



Aspect	Did not hinder my ability to communicate [Number (%)]	Somewhat hindered my ability to communicate [Number (%)]	Greatly hindered my ability to communicate [Number (%)]
Impact of language differences on communication effectiveness with other students	14 (46.7%)	14 (46.7%)	2 (6.7%)
Aspect	Did not change my perspective at all [Number (%)]	Broadened my perspective somewhat [Number (%)]	Broadened my perspective significantly [Number (%)]
Impact of the international context on global perspective regarding medication use	5 (16.7%)	16 (53.3%)	9 (30.0%)



Students' overall experience



Aspect	Mean	SD
How would you rate these medication review events? (0-10)	8.15	2.1

Aspect	Not at all [Number (%)]	Slightly [Number (%)]	Moderately [Number (%)]	Quite [Number (%)]	Extremely [Number (%)]
How likely would you recommend this event to other students?	0 (0.0%)	1 (3.6%)	1 (3.6%)	10 (35.7%)	16 (57.1%)



Teachers' overall experience



Aspect	Mean	SD
How would you rate these medication review events? (0-10)	9.1 (7-10)	0.8

Aspect	Not at all [Number (%)]	Slightly [Number (%)]	Moderately [Number (%)]	Quite [Number (%)]	Extremely [Number (%)]
How likely would you recommend this event to other students?	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (10.0%)	9 (90.0%)



Panel discussion



How could we integrate this in the (already full) curriculum?

What do you see as the primary limits or challenges of student-run clinics?

How difficult is to facilitate such a session?

What are some key lessons learned from your involvement in student-run clinics?

Where do you see the main benefit?
What are some key lessons learned from your involvement in student-run clinics?

Could you share any specific examples of how student-run clinics have demonstrated efficacy in optimizing medication regimens and promoting rational prescribing practices?

From your experiences, what role do you believe student-run clinics play in educating future healthcare professionals?

How long does it take to set a student-run clinic?

What is the main difference between a normal internship and participating in a student-run clinic?



Would you now integrate a local Student-Run Clinic into your curriculum?



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