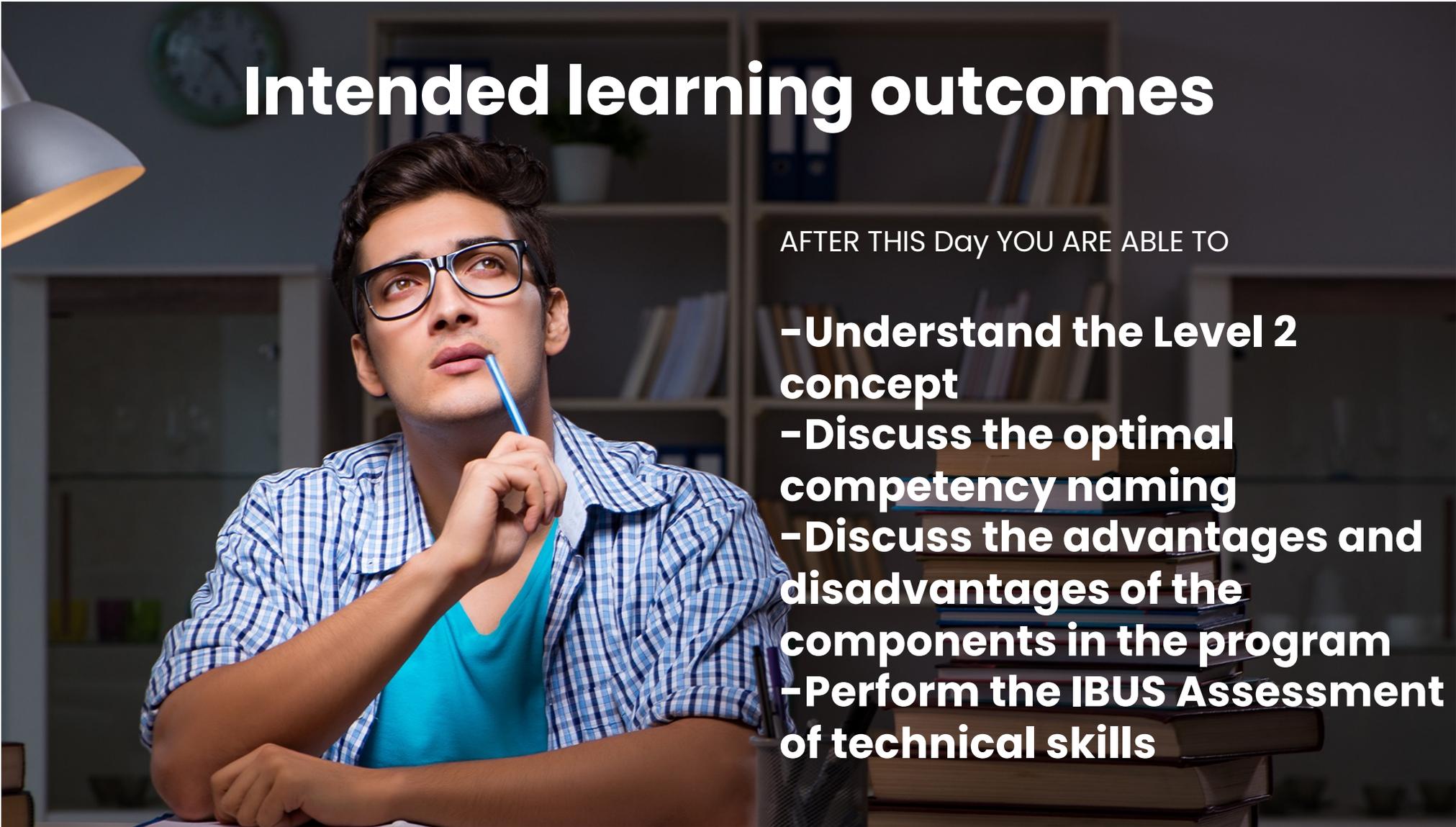


Intended learning outcomes



AFTER THIS Day YOU ARE ABLE TO

- **Understand the Level 2 concept**
- **Discuss the optimal competency naming**
- **Discuss the advantages and disadvantages of the components in the program**
- **Perform the IBUS Assessment of technical skills**

Sponsors

Gold

abbvie



TILLOTTS PHARMA



Johnson & Johnson



GE HealthCare



Silver



PROGRAM 10 OCTOBER 2025

8:45–9:00 Introduction to Level 2 Certification & Objectives (Federica Furfaro & Rune Wilkens)

9:00–10:00 Session 1:

9:00–9:25: Advanced Ultrasound Machine Settings & Artifact Recognition, tips and trix (Guarang Bhatnagar)

9:30–9:55: Non-IBD (Frauke Petersen)

10:15–11:00 Session 2

10:15–10:30 Research Acquisition, ideal standard recording (Floris de Voogd)

10:35–10:55 Documentation & Central reading (Mariangela Allocca)

11:15–12:15: Session 3:

11:15–11:55 The IBUS Competency Assessment Tool (CAT): Level 1 & 2 (Rune Wilkens)

12:00–12:10 Practical setup (Zainab Nagras)

12:15–13:45 Lunch and Practical ATS Exam (ALL)

13:45–14:45 Session 4:

13:45–14:25 Principles of Effective Ultrasound Teaching (Pia Pieters)

14:30–14:40 How to make training fun and engaging (Federica Furfaro)

15:15–16:15 Session 5:

15:15–15:45 Standardizing Hands-On Training & Providing Feedback (Pia Pieters)

15:50–16:10 Mentorship, When training goes wrong and distance learning (Kerri Novak)

16:45–17:30 Session 6: Organizing and Hosting a training site & IBUS Module 1

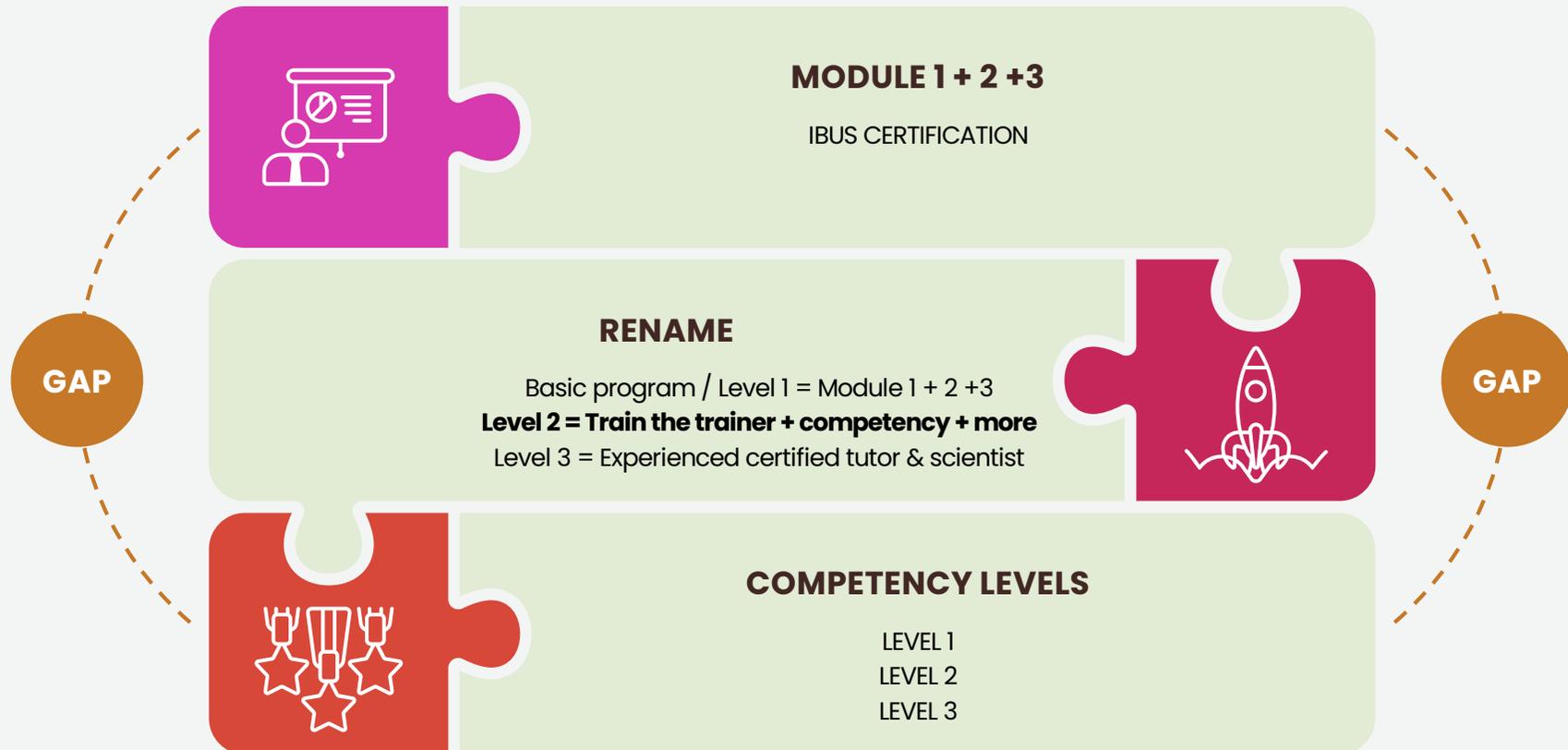
16:45–17:00 Organizing Module 1 (regional or hybrid) & requirements, tips and trix. (Alicia Rodriguez & Christian Maaser)

17:00–17:15 Training site organization: (Federica Furfaro & Jacob Bjerrum)

17:15–17:30 Round table discussion: (Torsten Kucharzik, Marios Katsaros, Mirella Fraquelli)

17:30–18:00 Wrap-up, evaluation, Level 3 discussion & progression. Closing Remarks (Kerri Novak & Rune Wilkens)

RENAME CURRENT STRUCTURE



Why IBUS Levels

Do we need them?



PROS

NEED

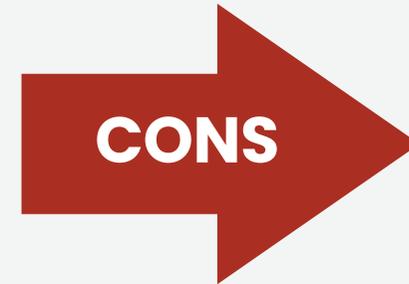
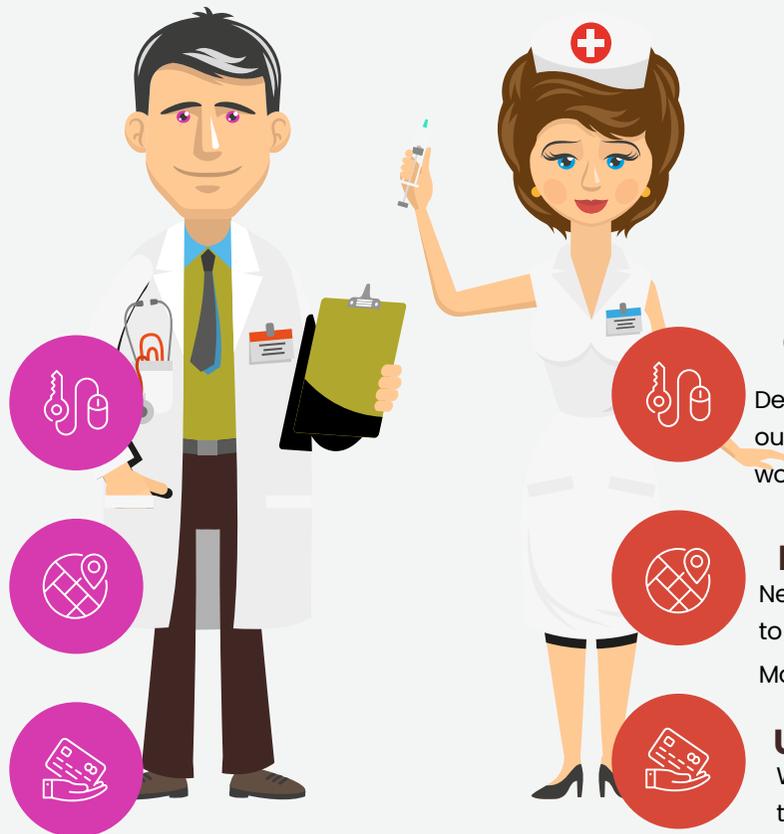
Several IBUS-certified members want more but are uncertain about the best further approach and need guidance

NATURAL EVOLUTION

After 10 years with an excellent plan, we can educate tutors to become mentors, educators, and scientists.

COMPETITION

If IBUS doesn't set the standards, others will.
We should be solid first movers.
Minimal viable product (pilot) backed with science.



CONS

CHALLENGE

Demanding process and a complicated addition to our existing well-functioning concept. Why fix what works well? Tutors will come anyway naturally

EXPENSIVE

New hybrid courses will have to be developed. Office to arrange even more on-site workshops.
More elements will have to be tracked.

UNCERTAIN DEMAND

Will there be any demand? Will learners be willing to pay and fly in for a two-day course that allows them to tutor without remuneration?

GAP

Intestinal ultrasound learning



Basic / Level 1

Experience through 10 years
Works well, but Not enough
Supervised "numbers", not competency
Gaps in education,
gaps in competency,
poor research competency skills

Level 2

Based upon needs,
science & consensus

Reiterated based on
experience

Level 3

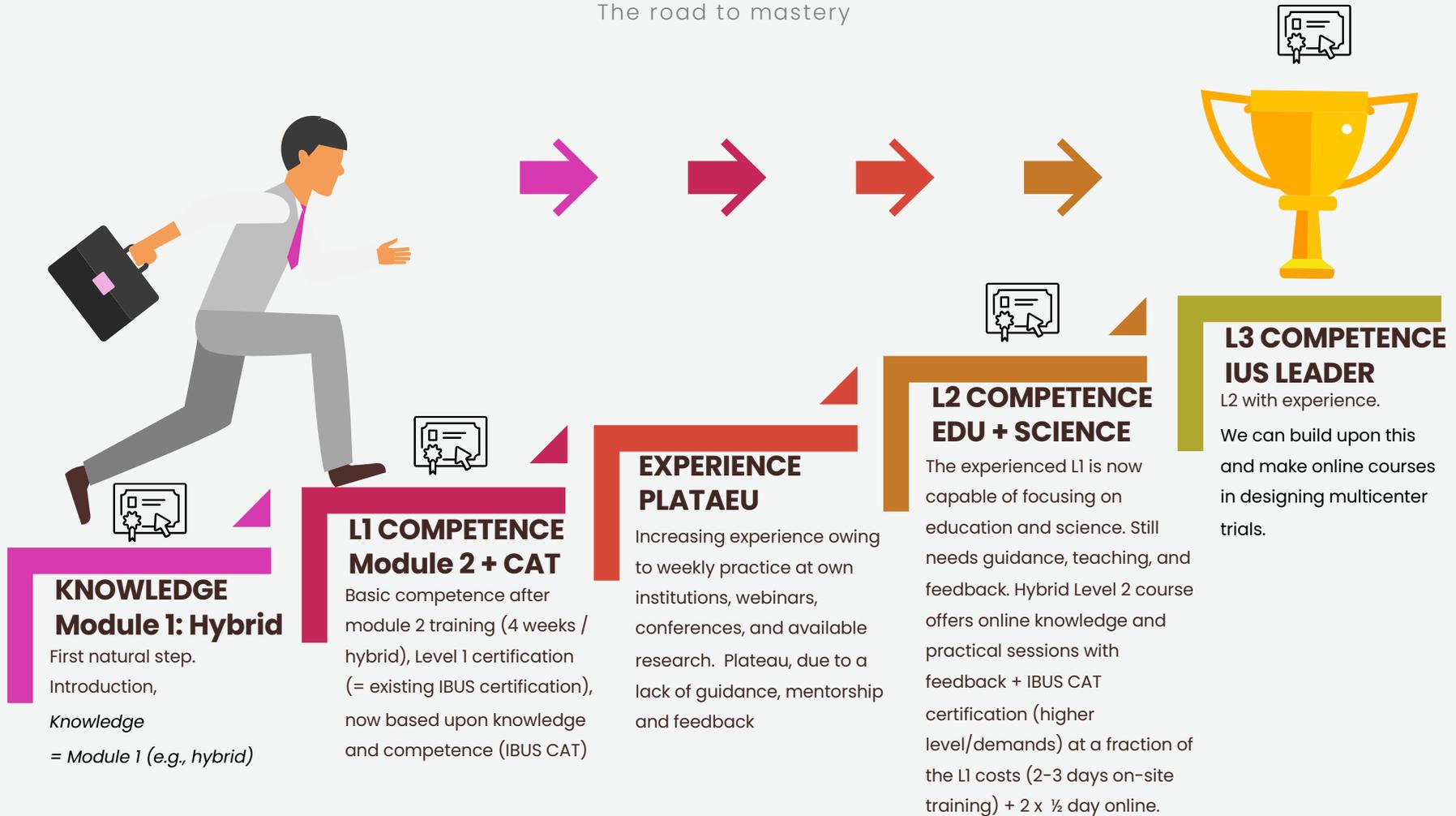
Based upon needs,
science and consensus

Level 2 + 3

Effective Train the trainer
Competency based
Effective tutoring
Knowledge on education
Research competent
Machine competent

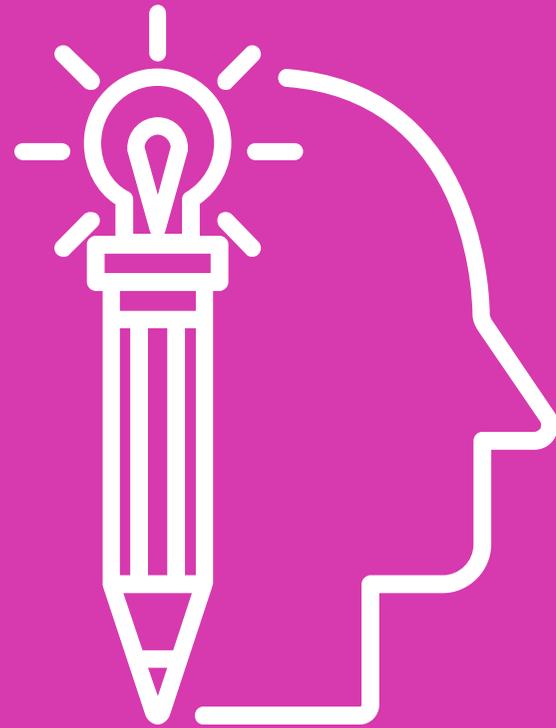
Level 1 + 2 + 3

The road to mastery



THE NEED/ PROBLEM

No sufficient, real alternative to advance from level 1
Certified members are stuck and desperate for
mentorship/guidance and to "level up."



OPTIONS FOR IMPROVEMENT

MORE ADVANCED IUS

Machine setting, protocols, reports,
adv. artefacts, scoring systems,



EFFECTIVE HANDS-ON TUTORING

Understanding teaching theory
Demonstrating effective tutoring
Recording and assessing competency

RESEARCH CAPEABLE

RECORD FOR CLINICAL TRIALS
READ FOR CLINICAL TRIALS



ORGANIZING BASIC TRAINING

Knowledge on setting up a training site
Knowledge on hosting a workshop
Logistical considerations



LEVEL 2 CERTIFICATION

Allows you to



EDUCATE LEVEL 1

**Become a training site (not a mandatory requirement)
host a workshop**

Record competency

Rate competency

Become a mentor / tutor on distance

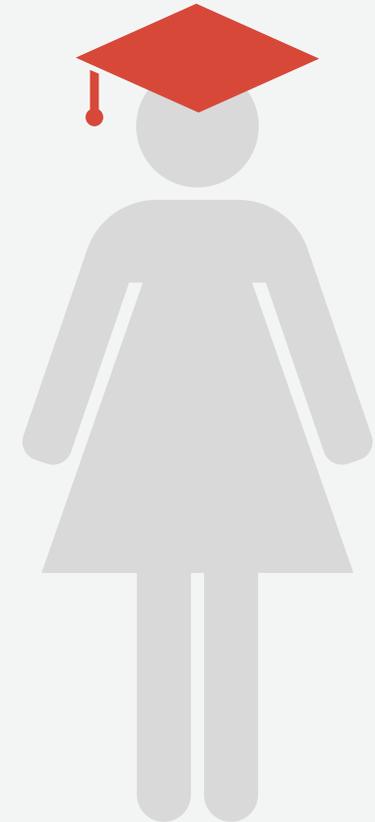


PERFORM SCIENCE

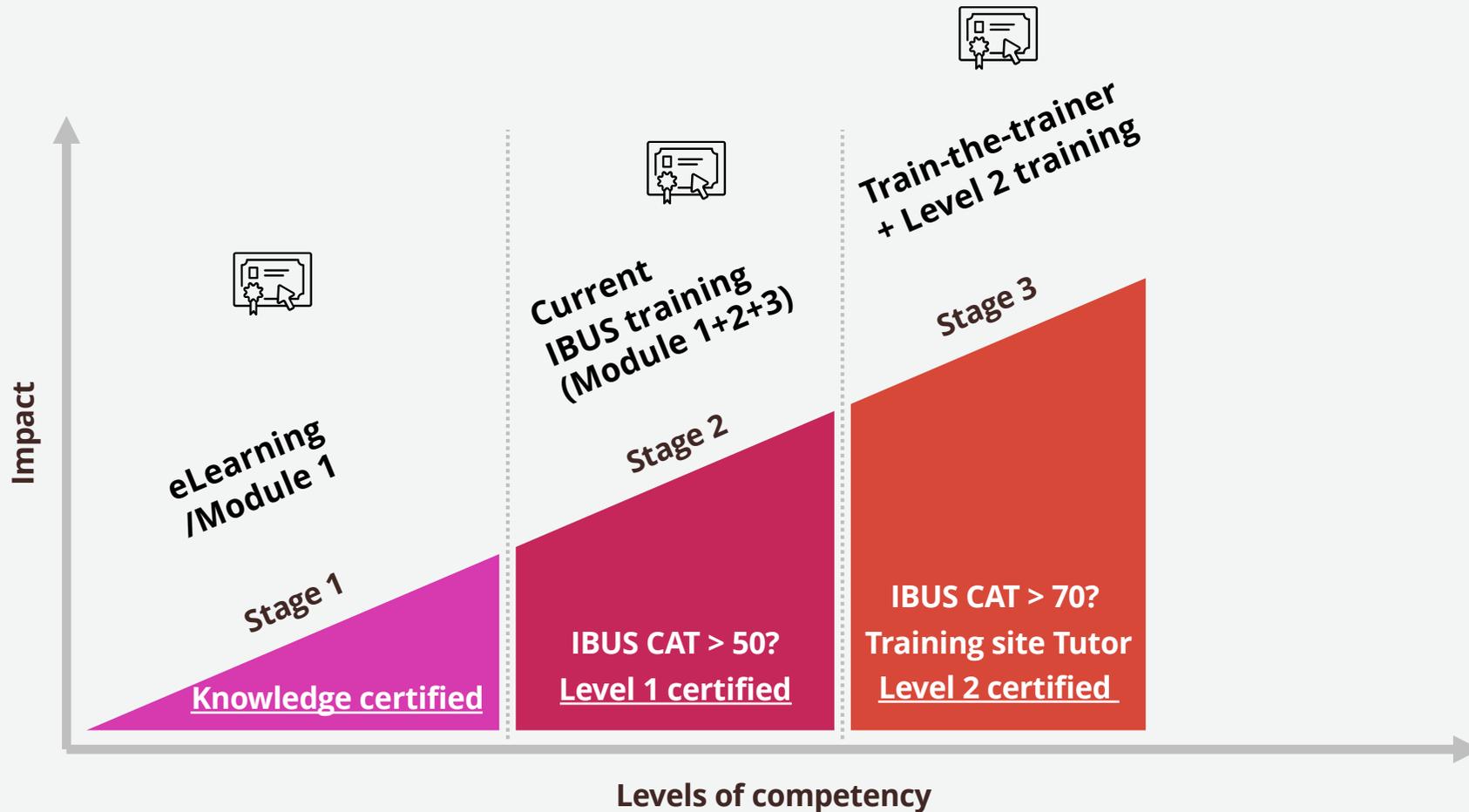
Recruit for sponsor trials without test case approval sponsor

Solid statement on IUS experience in research methods

Prerequisite for becoming a central reader



Suggestions for training levels



Where to teach?

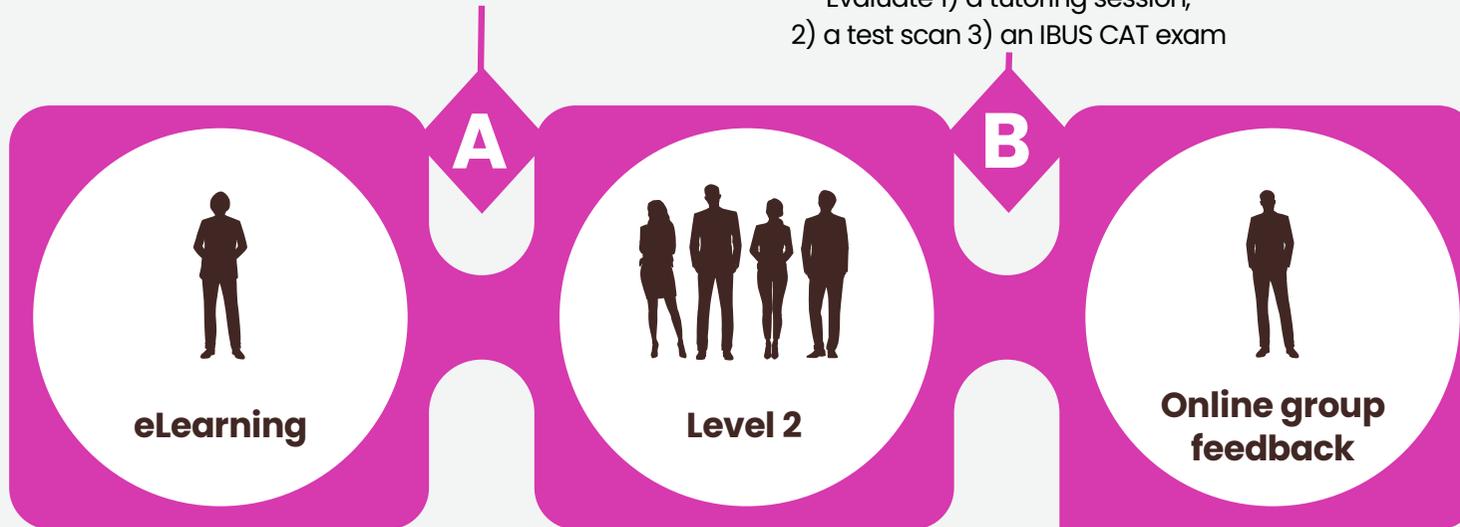
Preparations

Online vs. F2F

Preparations

Submit a full research scan
IBUS-SAS score of 5 patients

Submit a full research scan
IBUS-SAS score of 5 patients
Evaluate 1) a tutoring session,
2) a test scan 3) an IBUS CAT exam



eLearning

Level 2

**Online group
feedback**

Train the Trainer course (theory)

Principles of Effective Ultrasound Teaching
Standardize Hands-On Training & Provide Feedback
Organizing and Hosting IBUS Module 1 Training

This can occur online and should be mandatory before becoming a training site.

Interactive Level 2 training

How to actually instruct, tutor & assess for competency.
Practical IBUS CAT Test and tutoring

1 entire on-site day before a hybrid, traditional, or a boot camp workshop,

Providing and receiving feedback

Learn and self-reflect from the course and interim experience.
Form groups for peer mentorship
Support for ongoing process
▶(level 3)

Online and mandatory for

Developing Level 2

Scientific & Consensus + Pilot & Experience

