Developing practical pharmacovigilance skills at a distance: description and evaluation

of UMC's instructor-led online learning

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Level 3

Discussion with an instructor

Course setup

- LEARNING PLATFORM Matrix¹
 - TIME Two-week part-time
- **CONTENT** Short recorded videos, quizzes, individual assignments, and live discussions
 - **CORE** Individual assignments with personal feedback from instructors

• SUBJECT OF ANALYSISM

A drug – ADR combination from VigiBase²

• ANALYTICAL PROCESS

A structured approach using VigiLyze, a signal detection and management tool, and Bradford Hill criteria³

• EVALUATION

According to the Kirkpatrick evaluation model⁴



Level 2

Instructor-led online training

Applying theory

In response to requests from the self-paced course participants and increased PV needs due to the COVID-19 pandemic, the UMC has developed instructor-led online training to assist national and regional PV centre staff to advance from theory to practice by applying concepts of signal detection and causality assessment.

Results

59 participants from **35** countries completed an English or Spanish course during 2021



- 94% of participants rated the courses as excellent
- 100% of participants thought that individual assessments of drug ADR combinations with personal feedback provided high educational value
- 100% of participants thought that live meetings where participants and instructors discussed the difficulties and conclusions of the assessments aided their learning

Conclusions

UMC instructor-led online courses teaching PV analysis skills have provided a valuable alternative to onsite workshop-based courses.

EDUCATIONAL ADVANTAGES

More learning on an individual level

FLEXIBILITY ADVANTAGES

Each person decides on the time invested

AVAILABILITY ADVANTAGES

Reach people in more countries and teach in more languages

References

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