

Good Participatory Practice (GPP) Online Training Course: Evaluations and Progress Over Four Years



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BACKGROUND

To improve and advance the adoption of stakeholder engagement practice in biomedical trials, AVAC and its partners launched the **Good Participatory Practice (GPP) Online Training** initiative in 2014 as a potentially scalable e-learning and community practice model for research teams, advocates and sponsors.



Elements of the 12-week course include

SELF-PACED ONLINE CONTENT on a customized Learning Management System; **CYCLES OF ACTIVE LEARNING** using assessments, written assignments, **DISCUSSION FORUMS & VIDEO WEBINARS** with global experts; **PERSONALIZED FEEDBACK** and **CONTINUOUS EVALUATION**.

We used an iterative development process to refine our techno-pedagogic approaches. Ten course iterations have been developed with 308 participants from 21 countries.

METHODS

- 1 A post-course online survey assessed **changes in knowledge and perceived self-efficacy**, using retrospective ratings and Likert scales.
- 2 Response rates ranged from **77% - 100%**.
- 3 **Focus groups** were conducted to validate survey results and solicit feedback about improvements.
- 4 Data from **eight courses and 162 learners** were analyzed and broadly compared.

RESULTS

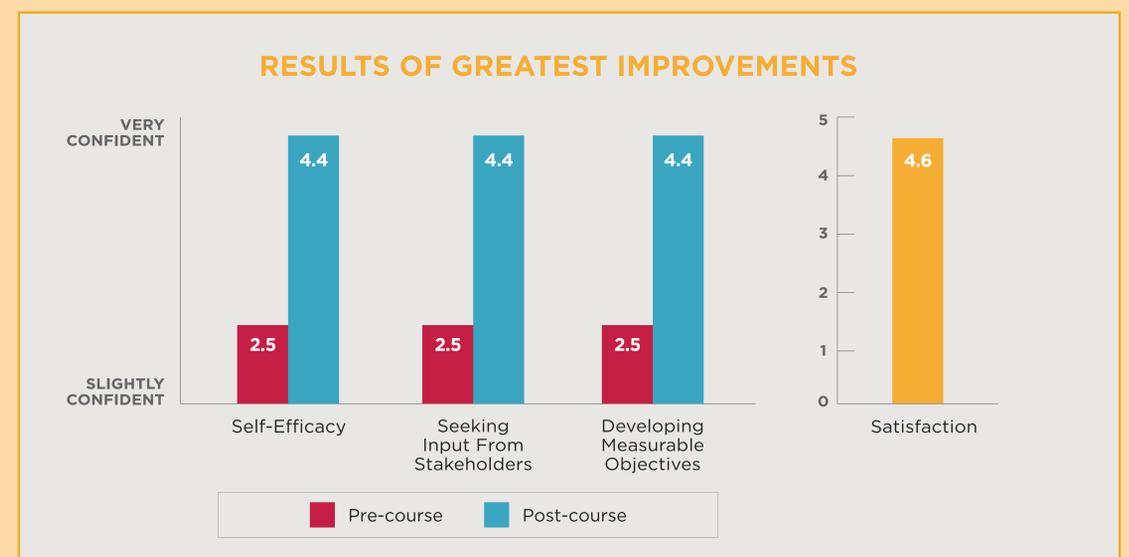
Learners were equally **distributed by gender**.

A majority were implementers between **30-39 years old**.

Satisfaction ratings were consistently high across courses (*mean: 4.6 out of 5*).

70% of total learners described the facilitation as **“excellent.”**

Learners reported greatest improvements in their **self-efficacy to identify stakeholders, seek input on their plans, and develop measurable objectives** (from 2.5 “slightly confident” to 4.4 “very confident”). Learners rated most components as “valuable” but gains and satisfaction were highest for courses that offered a choice of learning pathways and multiple technologies to promote interaction.



CONCLUSIONS

Continuous quality improvement can strengthen e-learning outcomes.

To further explore course impact and transfer of GPP knowledge, skills, and values taking place in the field, a 6-month follow up evaluation is currently being conducted with 2018 course participants.