An Education Program to Improve Nurses’ Assessment of Alcohol Withdrawal
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Methods (continued)

Pre-intervention survey of all RNs’ confidence in using CIWA-AR
Post-test immediately after class
Pre-Post Confidence in using CIWA-AR tool and order set
Post-intervention inter-rater reliability of video-taped vignettes

Methods

Cross-sectional comparison of Pre and Post Intervention Data

Sample:
Inpatient RNs (RN), n=62 pre-survey
Post-Baccalaureate Nurse Residency (PBNR) RNs, n=6 (Program evaluation, n=7)

Measures:
Perceived confidence in using CIWA-AR
Knowledge of AWS and CIWA
Reliability in scoring using CIWA-AR

Results (continued)

Participants | Post-test | I’d recommend class to my peers
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RN (n=26) | 91.1% | 5.3
PBNR (n=7) | 87.5% | 5.3

Correct Medication Dose Answer by Vignette

Non-Medication Interventions by Vignette

Conclusions

1. Perceived confidence went down after class for experienced RNs, perhaps over confident initially?
2. Participants did well on the knowledge test
3. Participants were satisfied with the class
4. Despite class, still low inter-rater reliability for certain CIWA-AR items
5. Areas for Improvement
   - Focus future training on low-scoring areas
   - Provide more vignettes for practice
   - Have participants be the nurse, asking the CIWA-AR questions of standardized patient

Next Steps

RNs who did not take the class complete the VA TMS online program (CIWA Training - Prevention of Alcohol Withdrawal Syndrome) and score the video vignettes. Compare the two groups to see most effective method to teach this and/or if appropriate to give staff a choice.