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### **Casi e birra: an example of peer education in North-Eastern Italy**

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**Background and Aim:** Casi e birra (italian for “clinical cases and beer”) is a self-directed peer education programme for trainees in general practice taking place in Udine (Friuli Venezia Giulia, Italy). The goal of the programme is to integrate the knowledge acquired during the residency course with topics that were poorly addressed or not addressed at all. From the analysis of the cases brought to Casi e birra it might be possible to identify the gaps in the family medicine education and suggest improvements. **Materials and Methods:** Casi e birra sessions were organized monthly except for the summer period. During each session 14 trainees were invited. The participants were free to expound the clinical cases they came across or not. Participants were asked to specify the topic of their cases, if the clinical case concerned an acute or a chronic problem and the setting where they came across that case, choosing among 4 alternatives: GP training, hospital training, OOH rounds and GP practice during substitutions.

**Results:** 39 clinical cases were expounded by 9 people. 6 cases were seen during GP training, 22 during hospital training, 5 during OOH rounds and 6 during GP practice substitutions. Neurology was the most encountered topic (6 clinical cases), followed by cardiology and infectious diseases (5 clinical cases each). 3 clinical cases were considered multidisciplinary and in 2 cases the main issue was organizational, not clinical. Most of the clinical cases concerned acute problems (65%).

**Conclusions:** Casi e birra can provide complementary education for trainees in General Practice. The clinical cases analyzed suggested that residents need further education on acute illnesses. Hospital training and complementary jobs (OOH or GP substitutions) are useful to integrate the knowledge obtained during the training in the GP setting.