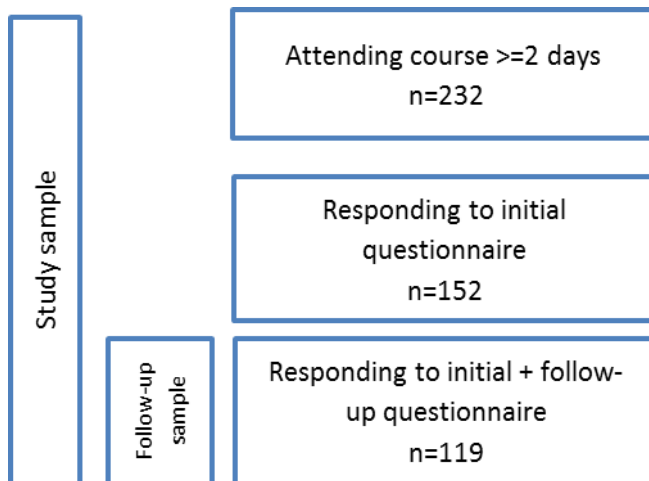


**Figure 1.** Description of study population and sample



**Table 1.** Factor analysis of inventory of knowledge in areas pertaining to refugees and health, including 12 items (n = 152).

| Factor                                                                                           | I<br>Knowledge of health problems<br>and treatment | II<br>Knowledge of support and care<br>systems |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|
| Explained variance                                                                               | 35.3%                                              | 32.3%                                          |
| Cronbach's $\alpha$                                                                              | 0.90                                               | 0.89                                           |
| My knowledge...                                                                                  |                                                    |                                                |
| 1. of rules and regulations for asylum seeking                                                   | .198                                               | .822                                           |
| 2. of access to mental health care for asylum seekers                                            | .388                                               | .765                                           |
| 3. of available societal support systems to aid newly-arrived refugees to settle                 | .248                                               | .786                                           |
| 4. of available support to newly-arrived refugees from voluntary organisations                   | .333                                               | .807                                           |
| 5. of access to mental health care for newly-arrived refugees with residence permit              | .406                                               | .692                                           |
| 6. of how migration may affect health                                                            | .679                                               | .411                                           |
| 7. of how trauma may affect health                                                               | .787                                               | .104                                           |
| 8. in detecting/recognising somatic ill-health among newly-arrived refugees                      | .630                                               | .445                                           |
| 9. in detecting/recognising mental ill-health among newly-arrived refugees                       | .864                                               | .296                                           |
| 10. of how to treat refugees with mental health problems or in crises in a good way              | .715                                               | .431                                           |
| 11. of treatment options for mentally ill and psychologically traumatised newly-arrived refugees | .757                                               | .378                                           |
| 12. of support available from patients' organisations, to those with mental ill-health           | .631                                               | .272                                           |

Principal Component Analysis with Varimax rotation, Kaiser Normalization.

**Table 2.** Ratings of perceived barriers and of perceived knowledge among staff from different organisations working with refugees, before and after training in transcultural psychiatry and migration, n=119

|                     |                                              | Before training | After training |        |       |
|---------------------|----------------------------------------------|-----------------|----------------|--------|-------|
|                     |                                              | Mean (SD)       | Mean (SD)      | t      | p     |
| Perceived knowledge | Knowledge of health problems and treatment   | 2.43 (0.87)     | 3.32 (0.93)    | -9.261 | 0.000 |
|                     | Knowledge of support and care systems        | 2.89 (0.85)     | 3.75 (0.88)    | -8.853 | 0.000 |
| Barriers            | Lack of knowledge                            | 2.81 (1.22)     | 2.29 (1.00)    | 4.008  | 0.000 |
|                     | Lack of co-operation within the organization | 2.81 (1.16)     | 2.81 (1.27)    | 0.000  | 1.000 |
|                     | Lack of collaboration between care providers | 3.28 (1.03)     | 3.23 (1.11)    | 0.390  | 0.698 |
|                     | Lack of time                                 | 2.90 (1.21)     | 3.04 (1.11)    | -1.215 | 0.227 |
|                     | Lack of procedures                           | 3.04 (1.18)     | 2.94 (1.14)    | 0.756  | 0.452 |
|                     | Lack of resources                            | 3.08 (1.17)     | 3.15 (1.92)    | -0.491 | 0.625 |

| <b>Table 3.</b> Themes according to index areas, before and after training, from focus group interviews. |                                                 |                                                       |                                |                                                                             |                                                                       |                                                                |                                   |                                            |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|--------------------------------------------|
| <b>Index areas</b>                                                                                       | <i>Expectations of/experience from training</i> |                                                       | <i>Contextualised health</i>   |                                                                             | <i>Collaboration</i>                                                  |                                                                | <i>Relations</i>                  |                                            |
|                                                                                                          | Before training                                 | After training                                        | Before training                | After training                                                              | Before training                                                       | After training                                                 | Before training                   | After training                             |
| <b>Themes</b>                                                                                            | Increased knowledge                             | Varying degrees of gained knowledge                   | Identified ill-health/distress | Increased resources to newly-arrived refugees with disability               | Refugee reception staff needs health care providers to meet regularly | Insufficient collaboration on refugee needs                    | Massive barriers to communication |                                            |
|                                                                                                          | Collaboration                                   | Wish for deeper knowledge                             | Explanations to ill-health     | Limited ability to encompass all practical aspects concerning an individual | No collaboration with patient associations                            | Perceived structural barriers for refugees                     | Individual improvement strategies | I meet people who are vulnerable           |
|                                                                                                          | Uncertainty*                                    | Poor standard of premises sometimes hampered pedagogy | Difficult to help              | Complex difficulties disrupt refugees' capacity to study                    | Good experience from collaboration                                    | Wish for structured local collaboration between care providers | Responsibility and powerlessness  | Increased empathy and emotional engagement |