Supplementary file 1: Description of the ingredients of the interventions.

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| **Selection of PCPs to lead the implementation** |
| PCPs with a special interest in mental health were selected to lead the process of implementing the CG at their health centers, in coordination with the heads of each center, who had a thorough knowledge about the most appropriate profiles among the medical staff.  |
| **Presentation meeting with local providers** |
| During this session, local PCPs were asked to select the most frequent areas of uncertainty when treating people with depression in their clinical practice.  |
| The training design for other PCPs was jointly configured between psychiatrists and PCPs. |
| **Structure of the educational sessions for PCPs** |
| Duration adapted to the availability and organizational context of each health center. |
| Eight one-hour sessions aimed to identify the main issues in the management of people with depression were held in each health center. |
| The workshops were leaded by PCPs with a special interest in mental health, with the support of a reference psychiatrist. |
| All the training sessions were accredited by the Andalusian Agency for Health Care Quality |
| Contents of the educational sessions: | Real life cases selected by PCPs. |
| Presentation of the case with the information usually available in daily practice. |
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| Contextualization of the approach in clinical practice. | After the presentation of the case, the action plan with the patient presented was discussed with the participating PCP, including evaluation, diagnosis and treatment.  |
| The decisions were contrasted with the recommendations of the CG.Discussion of the best decisions and the barriers identified by PCPs. |
| The CG was provided in advance to participating primary care practitioners.  |
| Evaluation of pre-post test level of knowledge on topics about management of depression (evaluation, diagnosis and treatment). |
| Last workshop aimed at detecting and discussing the barriers and facilitators.The intervention lasted approximately 3 months in each health center. |
| **Self Help Material** |
| Self-help material for being shared with patients were designed and distributed with the CG.Available at: <https://www.sspa.juntadeandalucia.es/servicioandaluzdesalud/el-sas/servicios-y-centros/salud-mental/guia-de-autoayuda-para-la-depresion-y-los-trastornos-de-ansiedad> |

\*PCP: primary care practitioners