The parents’ participation in adolescents’ drug use treatment is a fundamental resource for good progress. Therefore, this pilot study demonstrates the feasibility of a brief intervention for drug-using adolescents, which contains sessions for parents and was adapted to a Brazilian sample. The protocol adaptation was tested in 28 adolescents (aged 14-18 years) to compare three conditions: 1) Group with adolescent/parent (GAP); 2) group with adolescent only (GA) and 3) treatment as usual (TAU). GAP post-test outcomes reveal significant improvement. The experience could test the applicability of a protocol to the Brazilian context. Despite showing results from a pilot study, the brief intervention demonstrated promising results.