The objective of the present study was to evaluate protocols to treat dairy cows (n=56) with cystic ovarian disease. The homeopathic was called “Homeocyst” (group 1, n=16) and is the combination of Apis mellifica 6CH and Oophorinum 6CH (cysts on the right ovary) or Thuya occidentalis 6CH and Oophorinum 6CH (on the left or on both ovaries). The hormonal is called Ovsynch® (group 2, n=18). The group 0 (control, n=22) was used to evaluate the spontaneous recovery. The results for groups 0, 1 and 2 were, respectively: cure rates of 31.82%, 87.50% e 55.56% (p=0.003); interval diagnosis-estrous of 106.38±12.51; 13.33±4.80 e 9.89±3.51 days; average services per conception of 3.36, 1.40 and 2.14 (p=0.0001) and average cost of treatments (groups 1 and 2) of US$1.44 and US$15.12. These findings indicate that “Homeocyst” protocol is an effective method and that the methodology used to develop this protocol was appropriated.