Stress over broilers musculoskeletal system can be understood as quality of life derangement and nutritional imbalance in consequence of loss of well-being. 60 broilers were transferred from the CEFET-Uberaba’s aviary to individual cages, picked up in different days (5 groups of 12 broilers). 40 were submitted to a tenorrafy of the right foot’s medium finger flexor (8 in each group). Half of them were treated with Arnica montana 12 CH on the first week and Ruta graveolens 6CH on the second, offered in drinking water. The weight gain, feed and water intake and feed conversion were measured. Although only feed conversion of the treated group were higher (P>0.05), weight gain, feed and water intake were numerically favorable for the group that received the homeopathic medication.