

Study of the neutralising capacity of eight brands of antacids.

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Abstract:

Eight brands of antacid tablets commonly available in the private market in Kenya were subjected to in-vitro tests for neutralizing capacity. The neutralizing capacity per gram and per tablet of the products was compared. The neutralizing capacity in millilitres of 0.1 M HCl per gram ranged from 103.10 for Gelusil to 225.13 for Maalox, with others ranging between +/- 18.1% and -12% about the average. The neutralizing capacity per tablet ranged from 64.90 ml for Magnesium trisilicate Co tablets B.P. to 263.15 ml for Maalox, with the others ranging between +/- 24.9% and -33.1% about the average. This shows high variation in the neutralizing capacities of the different brands available especially in relations to the neutralizing capacities per tablet due to the high variation in the tablet weight