

**제 목 Pharmacokinetics and gastric adhesion of aceglutamide
aluminum complex on the combination of antacid in rats**

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내 용 On the combination of antacid, the pharmacokinetics and gastric adhesion of ^{14}C -aceglutamide aluminum complex(^{14}C -AGA) were examined in rats. Specially, This study was focused on the drug interaction that the coadministration of antacid may affect the oral absorption and gastric adhesion of aceglutamide aluminum complex(AGA). After the oral administration of ^{14}C -AGA and antacid to rats, the radioactivity of plasma and urinary recovery was lower than that of ^{14}C -AGA administered group. Relatively, the cumulative recovery of radioactivity in feces was increased significantly. The comparative bioavailability of ^{14}C -AGA from the plasma concentration-time curve and urinary recovery was about 60 %. *In vitro*, the effect of antacid in the gastric adhesion of AGA was not significantly different between AGA and AGA/antacid treatment. And it accorded well with the result of *in vivo* experiment. In conclusion, on the combination of antacid, the oral absorption of AGA was decreased but the gastric adhesion was not affected in respect of drug interaction.