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TITLE

Safety of liraglutide versus sulphonylurea in people with type 2 diabetes before ;during and after Easter fasting

Introduction;Main hormones involved in regulatin of glucose are glucagon like peptid GLP-1 and glucose dependent insulotropic polipeptid GIP .Both of them are inactivated by the enzim dipeptil peptidasa -4 (DPP-4) .Incretin based therapies include GLP -1 receptor agonist and DPP-4 inhibitors wich main actions are to increase secretion of insulin and inhibit secretion of glucagon .

Objectives ; providing review of clinical trials of liraglutide ,versus sulphonilurea + metformin .

Materials and metods;open label trial of adult patients treated with Su +metformin before fasting. During Easter fasting were randomized to swich on liraglutide or continue pretrial .Primary endpoint was change in Hba1c and BMI from start to end of fasting .Treatment continued 4 weeks after Easter fasting .

Results ;Reduction in Hba1c and BMI from start to end of Easter Fasting in patients on liraglutide versus those on SU +Met .Fewer hypoglicaemic events in patients on lira versus those on Su +Met treatment .

Conclusion ;Anticipated lower Hba1c ; BMI and hypoglicaemic events were seen in patients on lira versus those on Su +Met treatment during and after Easter fasting .

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ABSTRACT

