

Table 1. The predominant lipid effects of endocrine agents

	TC	LDL	HDL	TG
Insulin	→	→ or ↓	↑ or →	↓
TH	↓	↓	→	↓
Estrogens	↓	↓	↑	↑
Testosterone	→	↓ or →	↔	→
GH	↓ or →	↓ or →	↑ or →	→
Corticosteroids	↑	→	↑	→
GLP1	↓	↓	↑	↓
DPP4 inhibitors	↓	→	↑	↓
Pioglitazone	↑	↑	↑	↓
Metformin	↓	↓	→	↓

↑ increase; ↓ decrease; → no change; ↔ variable; DPP4—dipeptidyl-peptidase 4; GH—growth hormone; GLP1—glucagon-like peptide-1; HDL—high-density lipoprotein; LDL—low-density lipoprotein; TC – total cholesterol; TG—triglycerides; TH—thyroid hormones and analogues.