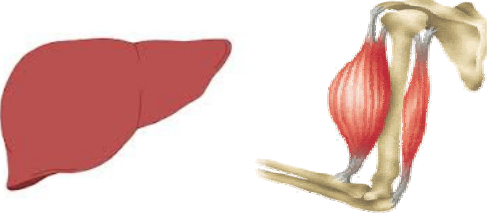

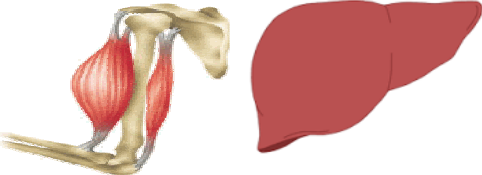

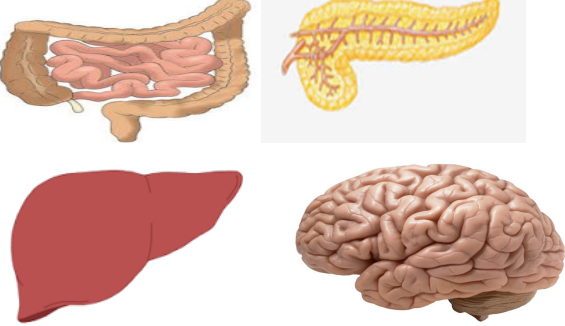
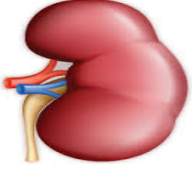


## THERAPEUTIC OPTIONS: TYPE 2 DIABETES

Class	Mode of Action	Name
Biguanide		Glucophage (Metformin)
Sulphonylureas		Diamicon (Gliclazide) Amaryl (Glimeperide) Glibenese (Glipizide) Daonil (Glibenclamide)
TZDs		Actos (Pioglitazone)
DPP 4 Inhibitors		Januvia (Sitagliptin) Onglyza (Saxagliptin) Galvus (Vildagliptin) Trajenta (Linagliptin)
GLP 1 Analogues		Victoza (Liraglutide) Bydureon (Exenatide LA)* Trulicity (Dulaglutide)*  *once weekly preparations
SGLT2 Inhibitors		Forxiga (Dapagliflozin) Jardiance (Empagliflozin) Invokana (Canagliflozin)
Combinations	As above	Competact (Glucophage + Actos) Janumet (Glucophage + Januvia) Eucreas (Glucophage + Galvus) Komboglyze (Glucophage +Saxagliptin) Jentaducto (Glucophage + Trajenta) Xigduo (Glucophage +forxiga) Vokanamet (Glucophage +Invokanna) Synjardy (Glucophage + jardiance )

Mode of Action	Class	Agents: INN ( <i>brand names</i> )	Preparations	Dose Range
Insulin Secretagogue	Sulphonylureas (SU)	<b>Gliclazide</b> ( <i>Diabrezide, Diaclide</i> ) ( <i>Diamicron MR, Diaglyc, Vitile MR, Zycron MR</i> ) <b>Glimepiride</b> ( <i>Amaryl</i> ) <b>Glibenclamide</b> ( <i>Semi-Daonil / Daonil</i> )	80 mg <i>scored</i> 30 mg MR; 60 mg MR 1 mg, 2 mg, 4 mg 2.5 mg, 5 mg <i>scored</i>	40 to 320 mg/d 30 to 120 mg/d 1 to 6 mg/d 1.25 to 15 mg/d
	Meglitinides	<b>Repaglinide</b> ( <i>Novonorm</i> ) <b>Netaglinide</b> ( <i>Starlix</i> )	0.5 mg, 1 mg, 2 mg 60 mg, 120 mg, 180 mg	0.5 to 16 mg/d 60 to 540 mg/d
Insulin Sensitiser	Biguanides	<b>Metformin</b> ( <i>Glucophage</i> ) tablets & powder ( <i>Metophage</i> )	500 mg, 850 mg, 1000 mg 500 mg	500 to 3000 mg/d
	Thiazolidinediones (TZD) (PPAR $\gamma$ agonist)	<b>Pioglitazone</b> ( <i>Actos</i> ) Pioglitazone+Metformin ( <i>Competact</i> )	15 mg, 30 mg, 45 mg 15 mg + 850 mg	15 to 45 mg daily 1 to 2 tab/d
Delay Digestion	$\alpha$ -Glucosidase Inhibitor	<b>Acarbose</b> ( <i>Glucobay</i> )	50 mg, 100 mg	50 to 300 mg/d
Incretin	GLP-1 receptor agonist	<b>Exenatide</b> ( <i>Byetta</i> ) ( <i>Bydureon</i> ) <b>Liraglutide</b> ( <i>Victoza</i> ) <b>Dulaglutide</b> ( <i>Trulicity</i> )	5 $\mu$ g, 10 $\mu$ g sc 2 mg 6 mg/ml sc 0.75 mg & 1.5 mg	10 to 20 $\mu$ g/d 2 mg/wk sc 0.6 to 1.8 mg/d sc 0.75 or 1.5 mg/wk sc
	DPP4 inhibitor  dipeptidyl peptidase 4 inhibitor	<b>Sitagliptin</b> ( <i>Januvia</i> ) Sitagliptin+Metformin ( <i>Janumet</i> ) <b>Vildagliptin</b> ( <i>Galvus</i> ) Vildagliptin+Metformin ( <i>Eucreas</i> ) <b>Saxagliptin</b> ( <i>Onglyza</i> ) Saxagliptin+Metformin ( <i>Komboglyze</i> ) <b>Linagliptin</b> ( <i>Trajenta</i> ) Linagliptin+Metformin ( <i>Jentadueto</i> )	25 mg, 50mg, 100 mg 50 mg + 850 mg or 1000 mg 50 mg 50 mg + 850mg or 1000mg 2.5 mg, 5 mg 2.5 mg + 850 mg or 1000 mg 5 mg 2.5 mg + 850 mg or 1000 mg	25 to 100 mg/d 1 to 2 tab/d 50 mg bd 1 to 2 tab/d 5 mg/d 1 to 2 tab/d 5 mg/d 1 to 2 tab/d
Glucuretic	SGLT2 inhibitor	<b>Dapagliflozin</b> ( <i>Forxiga</i> ) Dapagliflozin+Metformin ( <i>Xigduo</i> ) <b>Canagliflozin</b> ( <i>Invokana</i> ) Canagliflozin+Metformin ( <i>Vokanamet</i> ) <b>Empagliflozin</b> ( <i>Jardiance</i> ) Empagliflozin+Metformin ( <i>Synjardy</i> )	5 mg, 10 mg 5 mg + 850 mg or 1000 mg 100 mg, 300 mg 50mg or 150 mg + 850mg or 1000mg 10 mg, 25 mg 5mg or 12.5 mg + 850mg or 1000mg	10 mg/d 1 tab bd 100-300 mg/d 1 tab bd 10-25 mg/d 1 tab bd