Roma, 2 - 3 febbraio 2018



Translating CVOTs data into clinical practice - Should the guidelines change?

D. Cucinotta

#### **Start with Monotherapy unless:**

A1C is greater than or equal to 9%, consider Dual Therapy.

A1C is greater than or equal to 10%, blood glucose is greater than or equal to 300 mg/dL, or patient is markedly symptomatic, consider Combination Injectable Therapy (See Figure 8.2).

# Monotherapy

#### Metformin

**Lifestyle Management** 

EFFICACY\* high
HYPO RISK low risk
WEIGHT neutral/loss
SIDE EFFECTS GI/lactic acidosis
COSTS\* low

If A1C target not achieved after approximately 3 months of monotherapy, proceed to 2-drug combination (order not meant to denote any specific preference — choice dependent on a variety of patient- & disease-specific factors):

### **Dual Therapy**

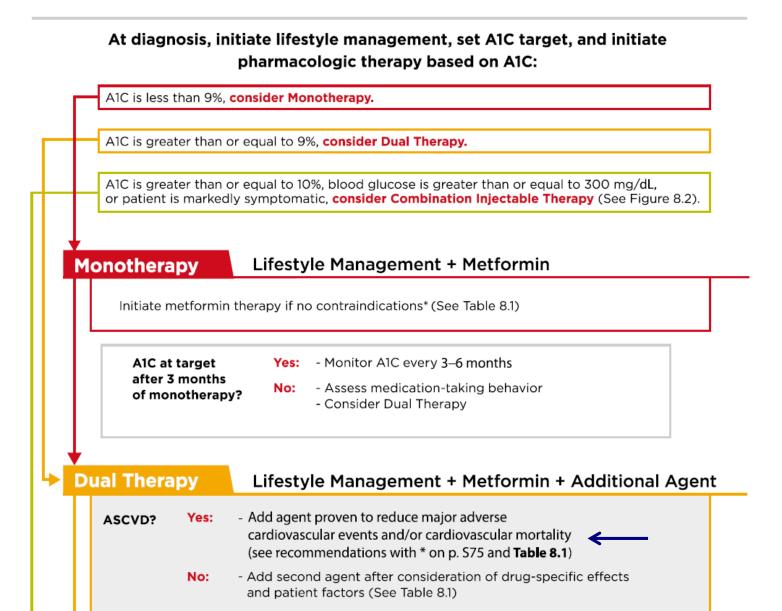
#### Metformin +

# **Lifestyle Management**

	Sulfonylurea	Thiazolidinedione	DPP-4 inhibitor	SGLT2 inhibitor	GLP-1 receptor agonist	Insulin (basal)
EFFICACY*	high	high	intermediate	intermediate	high	highest
HYPO RISK	moderate risk	low risk	low risk	low risk	low risk	high risk
WEIGHT	gain	gain	neutral	loss	loss	gain
SIDE EFFECTS	hypoglycemia	edema, HF, fxs	rare	GU, dehydration, fxs	GI	hypoglycemia
COSTS*	low	low	high	high	high	high
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# Antihyperglycemic Therapy in Adults with Type 2 Diabetes



 In patients with type 2 diabetes and established atherosclerotic cardiovascular disease, antihyperglycemic

therapy should begin with lifestyle management and metformin and subsequently incorporate an agent proven to reduce major adverse cardiovascular events and cardiovascular mortality (currently empagliflozin and liraglutide), after considering drug-specific and patient factors (Table 8.1). A\*

 In patients with type 2 diabetes and established atherosclerotic cardiovascular disease, after lifestyle management and metformin, the antihyperglycemic agent canagliflozin may be considered to reduce major adverse cardiovascular events, based on drug-specific and patient factors (Table 8.1). C\*



# AACE/ACE Comprehensive Type 2 Diabetes Management Algorithm



## TASK FORCE

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# **Glycemic Control Algorithm**





INDIVIDUALIZE GOALS

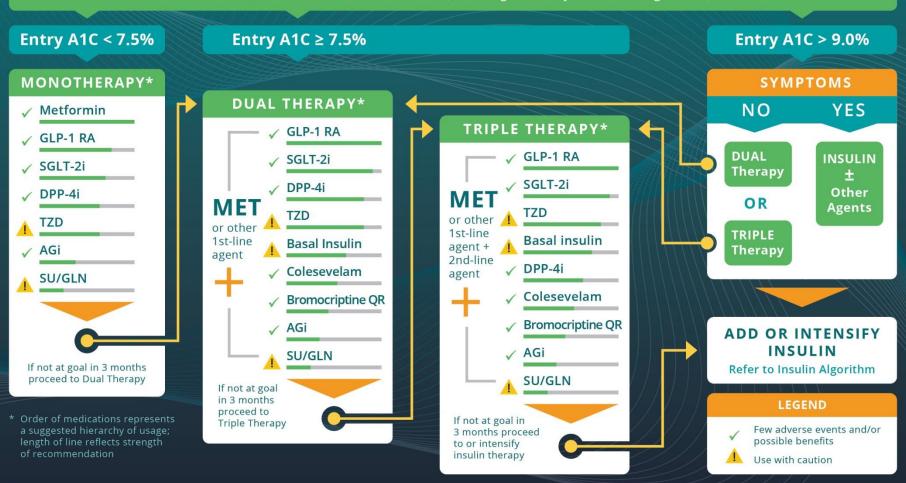
**A1C** ≤ **6.5**%

For patients without concurrent serious illness and at low hypoglycemic risk

A1C > 6.5%

For patients with concurrent serious illness and at risk for hypoglycemia

#### LIFESTYLE THERAPY (Including Medically Assisted Weight Loss)



PROGRESSION OF DISEASE

# Translating CVOTs data into clinical practice - Should the guidelines change?

- Bisogna aggiornare le linee-guida AMD-SID
- Bisogna fare in modo che le lineeguida si traducano nella pratica clinica

