



4TH DAILY CARDIOLOGY
SYMPOSIUM

CONCISE, PRECISE, PRACTICAL

Tiny Needles, Huge Benefits! Optimizing The Use of Parenteral Diabetes Medications

Learning Objectives and Case vignette



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Learning Objectives

- What is the role of injectable (non-insulin) pharmacological agents in the management of patients with Type 2 Diabetes (T2D)?
- When is the appropriate time to initiate these agents in T2D patients?
- What factors should we consider when choosing between different non-insulin injectable agents?
- What are the steps to initiate, uptitrate, and monitor the patient's response and lab tests after starting these agents?

Learning Objectives (cntd)

- What are the indications for initiating insulin therapy in patients with diabetes?
- Becoming familiar with the different types of insulin available.
- What are the key considerations when designing an insulin regimen for a patient with T2D?
- How to choose the initial regimen for a patient starting on insulin?
- How should we choose between different insulin agents?
- What should be the initial dose of insulin for a patient starting therapy?

Learning Objectives (cntd)

- How to choose between combination therapy versus monotherapy with insulin in the management of T2D?
- What are the guidelines for monitoring and adjusting the dose of insulin?
- How should healthcare providers counsel patients and monitor them for safety while on insulin?
- How can hypoglycemia be prevented and managed in patients on insulin?
- What strategies can be used to prevent weight gain associated with insulin therapy?
- How can cardiovascular safety be ensured in patients on insulin therapy?

Case vignette

- 53 Y/O gentleman, with Hx. of T2D and IHD (PCI in CCS setting 5 years ago)
- He's cardiovascular condition is stable and he remains asymptomatic in his routine activities
- Recent echocardiography showed NL LVEF and ECG has been unremarkable
- Came to you for the follow-up of the T2D treatment
- Current Medications:
 - ASA 80mg Daily
 - Rosuvastatin 20mg Daily
 - Metformin 1000mg BID
 - Empagliflozin/Linagliptin 10/5mg Daily
 - Gliclazide 60mg Daily

Case vignette (cntd)

- Ph/E:
 - BP: right hand: 121/79 mmHg, left hand: 118/77 mmHg, HR: 71 bpm, BMI: 28
 - Heart and Lungs: NL
 - Peripheral pulses: 2+ and symmetric
- Recent Lab:
 - FPG: 198mg/dL, 2hpp: 231 mg/dL, HbA1c: 8.2%,
 - CBC and TFT: NL, Cr: 1.1 mg/dL, Na: 144 mEq/L, K: 36 mEq/L
 - uACR: 27 mg/g

What is your approach to the use of injectable diabetes medications in this patient?

Thank you for your attention



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