Insulinagypt

For Life

Emad El Arabi

P.M. Diabetes Care Line MUP

With Insulin

Discovery of insulin

- Banting &Best extracted insulin from dog -1921

- Nobel Prize in 1923


Our dream is real
المهن الطبية
للأدوية
MUP
Medical Union
Pharmaceuticals
MUP.Tech • إم يو بي.تك

Site Location

6th of October City

- The site is in the industrial zone of the city and is surrounded by manufacturing facilities of other multinational and national pharmaceutical companies. To the north and west side of the site are main roads of the industrial zone, to the east side is a Universal® manufacturing plant and to the south is a pharmaceutical company (Hikma).
- The site areas is 9967 m2. The built area includes the manufacturing plant, utilities and other support activities (connecting corridor, security room, administration building, power station room, cafeteria and water tank for fire fighting purposes).
- The facility is 14 prefabricated module type of construction. Eight are for production and six are for utilities.
- The facility modules were fabricated by Pharmadule (Swedish company) and were designed and built to conform to EU GMP standards.
- The facility construction started in September 1997. The units were qualified in Sweden prior to shipment to Egypt site in April 1998. The facility, utilities and equipment installation qualifications were completed in October 1998. Insulin production started in November 1998.

MUP

Insulinagypt Process

Change Rooms (For Class C area)

Autoclave & Oven

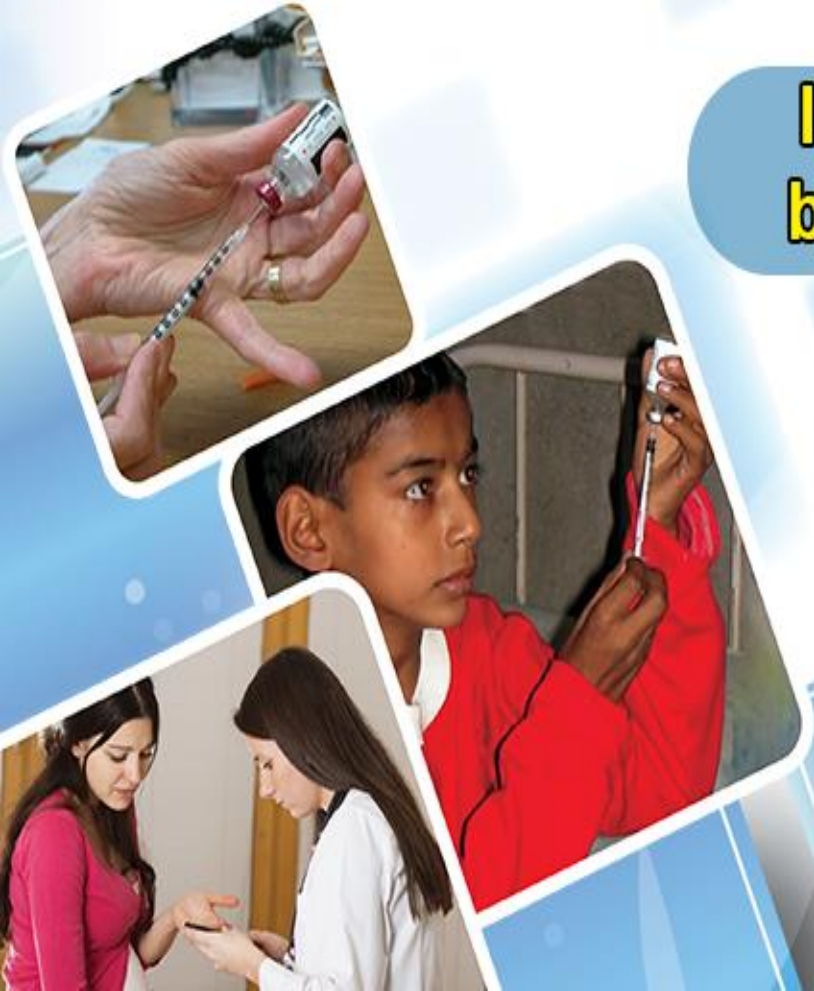
Vial Washer exit

Formulation Area

Insulinagypt

The Gold Standard
Egyptian Human Insulin

Insulin crystals supplied by Eli Lilly, and Company



Insulinagypt

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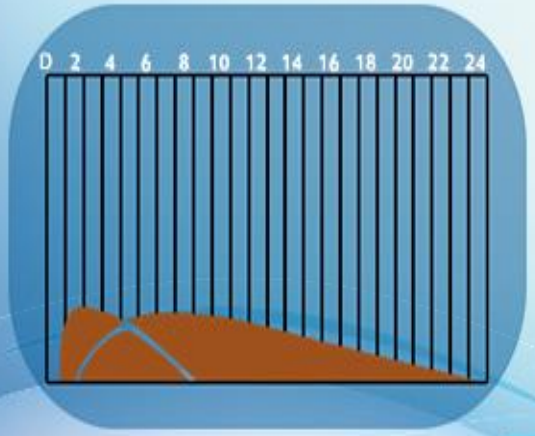

Onset: within 30 minutes
Maximum effect: 2-8 hours
Duration: 24 hours

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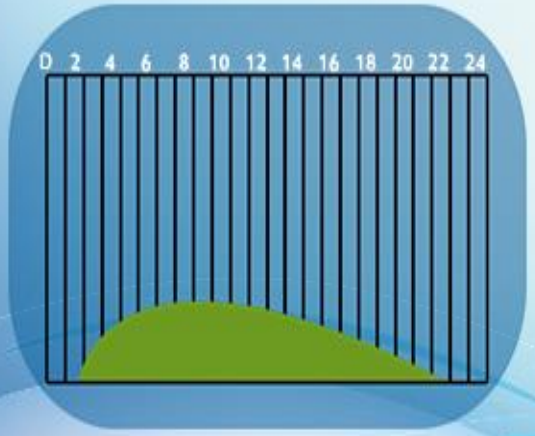
Premixed insulin

Insulinagypt

Insulin crystals supplied by Eli Lilly, and Company

The Gold Standard
Egyptian Human Insulin



Onset: within 1.5 hours
Maximum effect: 4-12 hours
Duration: 24 hours

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Intermediate-acting insulin (isophane human insulin, NPH)

Insulinagypt

Insulin crystals supplied by Eli Lilly, and Company

The Gold Standard
Egyptian Human Insulin

Onset: within 30 minutes
Maximum effect: 1-3 hours
Duration: 8 hours

MUP

Short-acting insulin
(soluble human insulin)

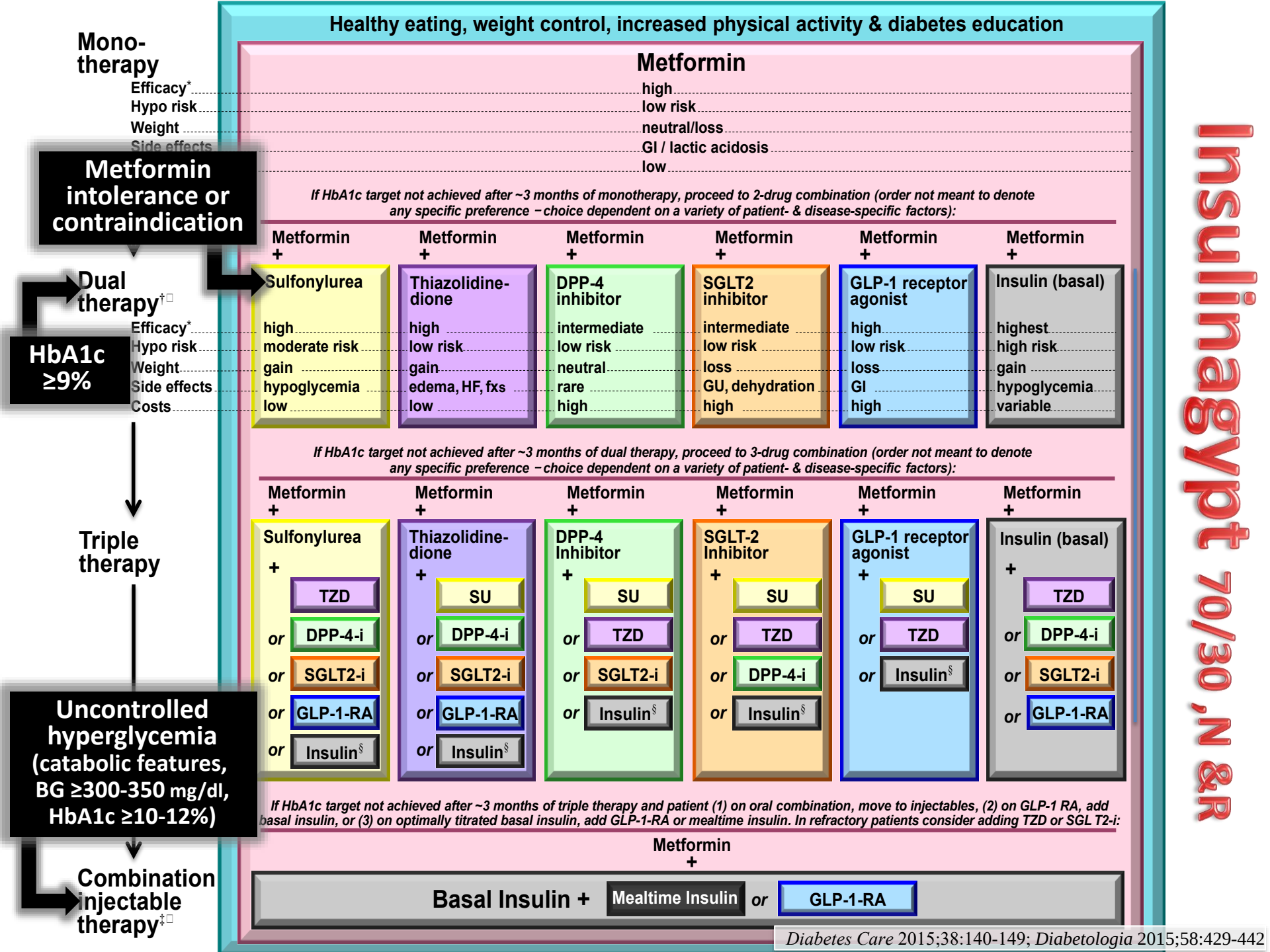
Management of Hyperglycemia in Type 2 Diabetes, 2015: A Patient-Centered Approach

Update to a Position Statement of the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD)

American Diabetes Association.

Diabetes Care 2015;38:140–149
Diabetologia 2015;58:429–442

EASD



Diabetes Care 2015;38:140-149; *Diabetologia* 2015;58:429-442

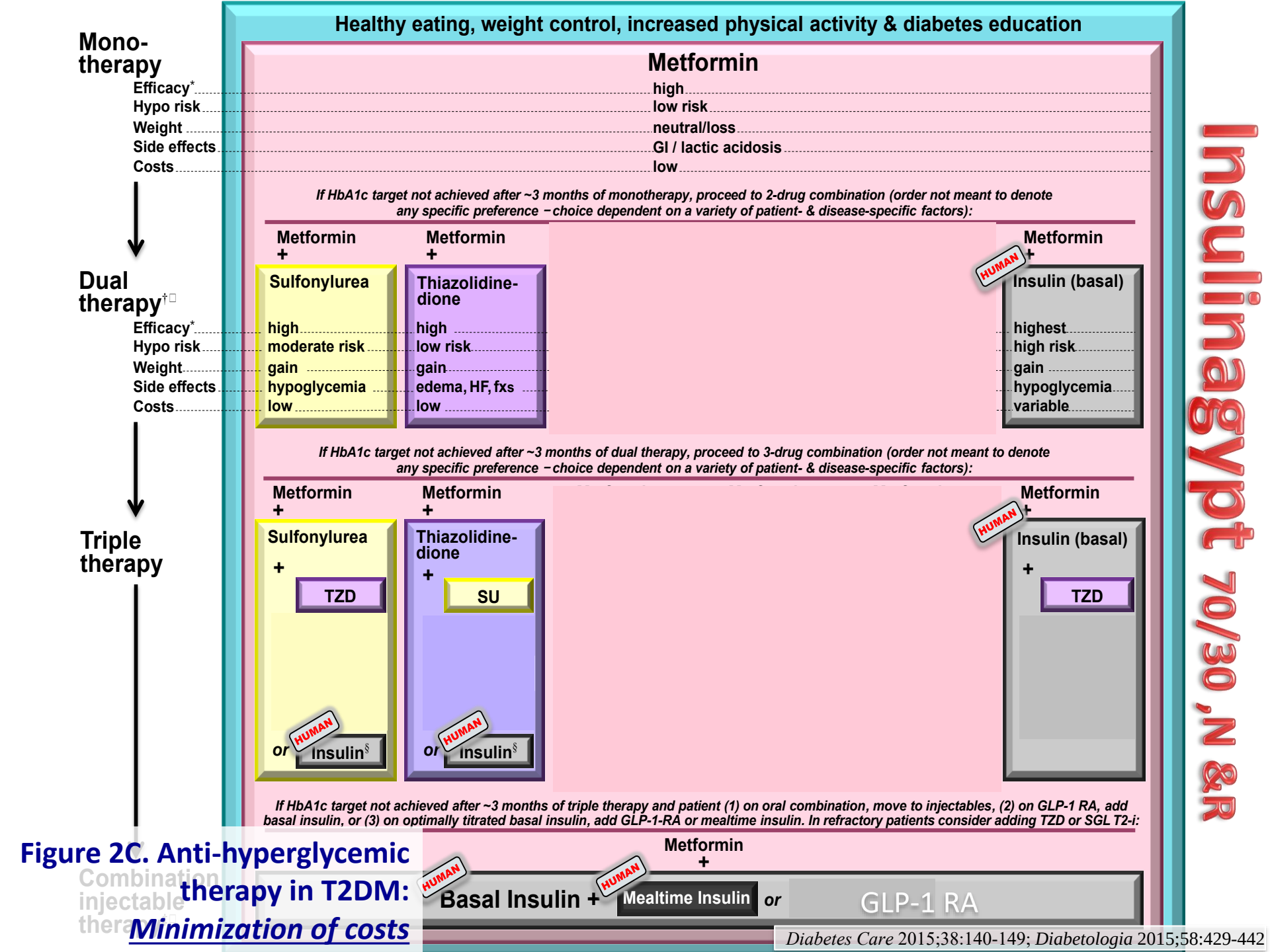
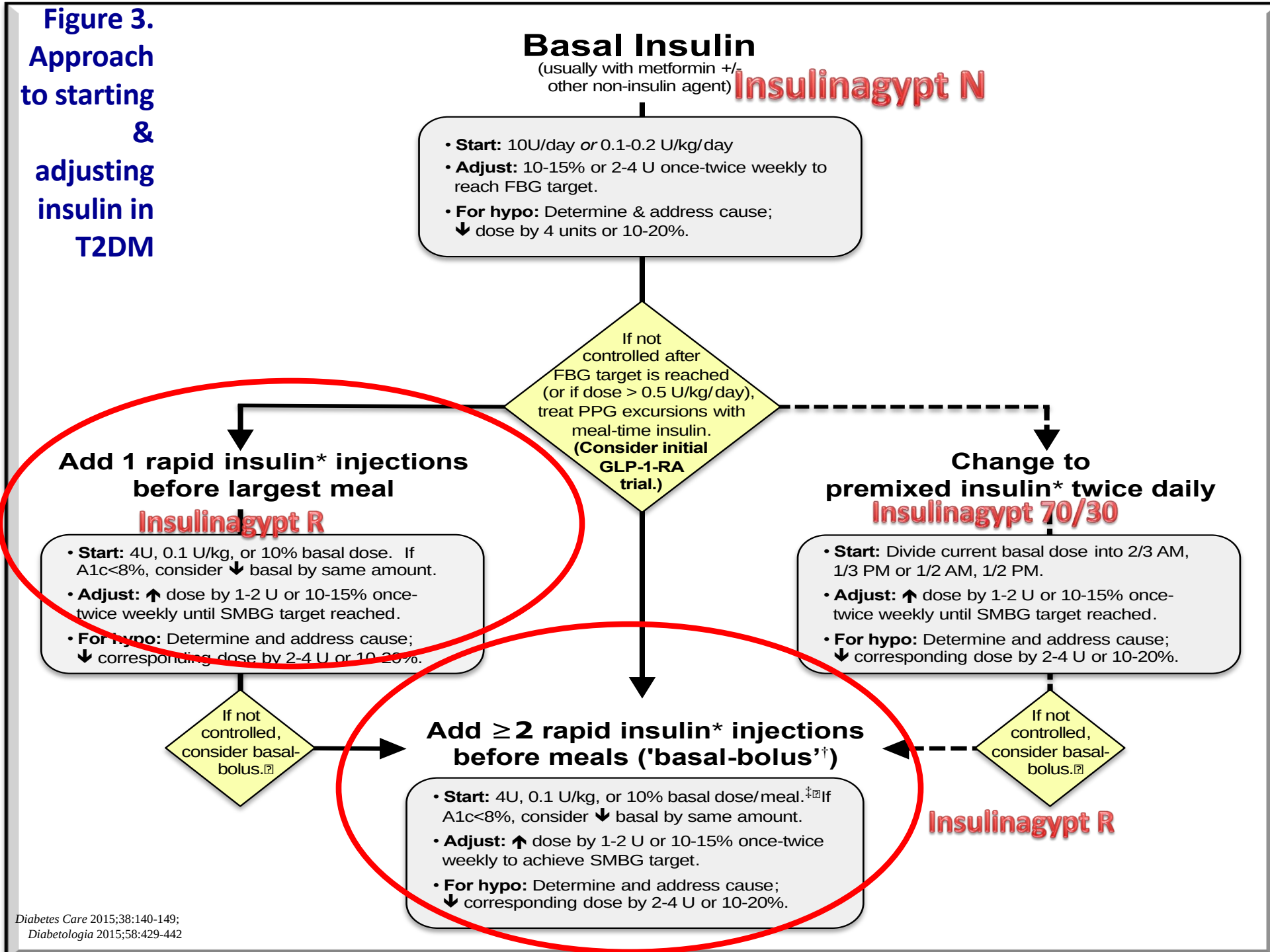


Figure 2C. Anti-hyperglycemic therapy in T2DM: *Minimization of costs*

Diabetes Care 2015;38:140-149; *Diabetologia* 2015;58:429-442

Figure 3. Approach to starting & adjusting insulin in T2DM



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