

EDITORIAL**EDITORIAL**

Diabetes mellitus is indicated by chronic hyperglycemia with disruption of carbohydrate, fat & protein metabolism resulting from defects in insulin action, insulin secretion, or both. The occurrence of diabetes is fleetly rising throughout the world at a horrifying rate.

Apart from conventional treatment with insulin as well as drugs, Current Research in diabetes is focusing on developing Implantable insulin pumps, invasive and non-invasive glucose sensors, Insulin Pens, Artificial pancreas, Bariatric surgery, New insulin delivery systems like transdermal, inhaled, and implantable devices etc.

Acupuncture and herbal medications are also playing major role in treatment of diabetes and related risk factors.

The choice of therapy based on factors such as body weight, duration of diabetes, hypoglycaemia risk etc. however, patients must be encouraged to initiate and maintain lifestyle modifications such as controlled and healthy eating and physical activity to ensure the best outcomes.

A clear understanding of the actions of the newer classes of glucose lowering therapies is also important for utmost care of diabetes.

Arijit Gandhi**Editor, Special Issue.**

Dept. of Pharmaceutics, Bengal College
of Pharmaceutical Science & Research,
B.R.B. Sarani, Bidhannagar, Burdwan,
Durgapur, West Bengal 713212, India

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