

LOW PROFILE / U-STRIP™ INSULIN PATCH

The Insulin Patch is Totally Non-invasive. No Needles –No skin damage-No catheters.

The U-Strip™ (Ultrasonic Strip) Insulin Patch is designed to apply insulin to the dermis via propagation of a unique and special alternating ultrasonic transmission. The Ultrasound transmission first dilates the pores and then pushes insulin into the dermis region of the skin. From there the insulin enters the blood stream and regulates glucose levels.

SELECTION GUIDE



	Insulin Patch U-25	Insulin Patch U-50	Insulin Patch U-100	Insulin Patch U-150
No of Units of Insulin	25 units	50 units	100 units	150 units
Application	Type-2 diabetes in conjunction with oral medication	Type-2 diabetes in conjunction with oral medication	Type-1 diabetes	Type-1 diabetes
Insulin Type*	Lispro	Lispro	Lispro	Lispro
Function	Over night Application in conjunction with Oral Meds	Over night Application in conjunction with Oral Meds	Over night Application	24 hour use profile
Target Patient Population	TYPE-2 male or female with starting glucose below 220 mg/dl	TYPE-2 male or female with starting glucose between 240 and 220 mg/dl	Type-1 male or female fasting glucose < 350	Type-1 male or female starting glucose <350. With need for Bolus
Treatment goal	Night time reduction of glucose to 95-110 mg/dl	Night time reduction of glucose to 110-140 mg/dl	Night time reduction of glucose to 110-140 mg/dl	Night time reduction of glucose to 110-140 mg/dl
Insulin Delivery Regimen	Basal	Basal	Basal	Basal & Bolus for meals

PROGRAMMABLE INSULIN DELIVERY • Basal Range: 0 to 1.1 U/min. with U-Strip Ultrasonic SA Controller
 • Bolus Range: 1 to 4.0 U/min with U-Strip Ultrasonic SA Controller

KEY PATCH FEATURES:

- Dimensions: 4.0" L X 2.5" W X 0.20" Thick
- Weight when loaded: 9.2 gm Base patch / 21 gm with Transducer Coupler
- Unique, Low Profile Insulin Patch has a thin, flexible and light weight design.
- A Transducer Coupler snaps into the patch and connects to the SA Control Unit.
- The Patch only delivers insulin when the ultrasound is activated.
- Patch has proprietary On/Off function.
- Its unique butterfly shape provides for a full seal under the patch.
- The Patch is designed for both Arm and Abdominal placement.

US Patents 6,908,448 & No 7,440,798 and other pending Internationally.

Experimental Device. Not Yet Approved By The Food & Drug Administration of the USA

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