

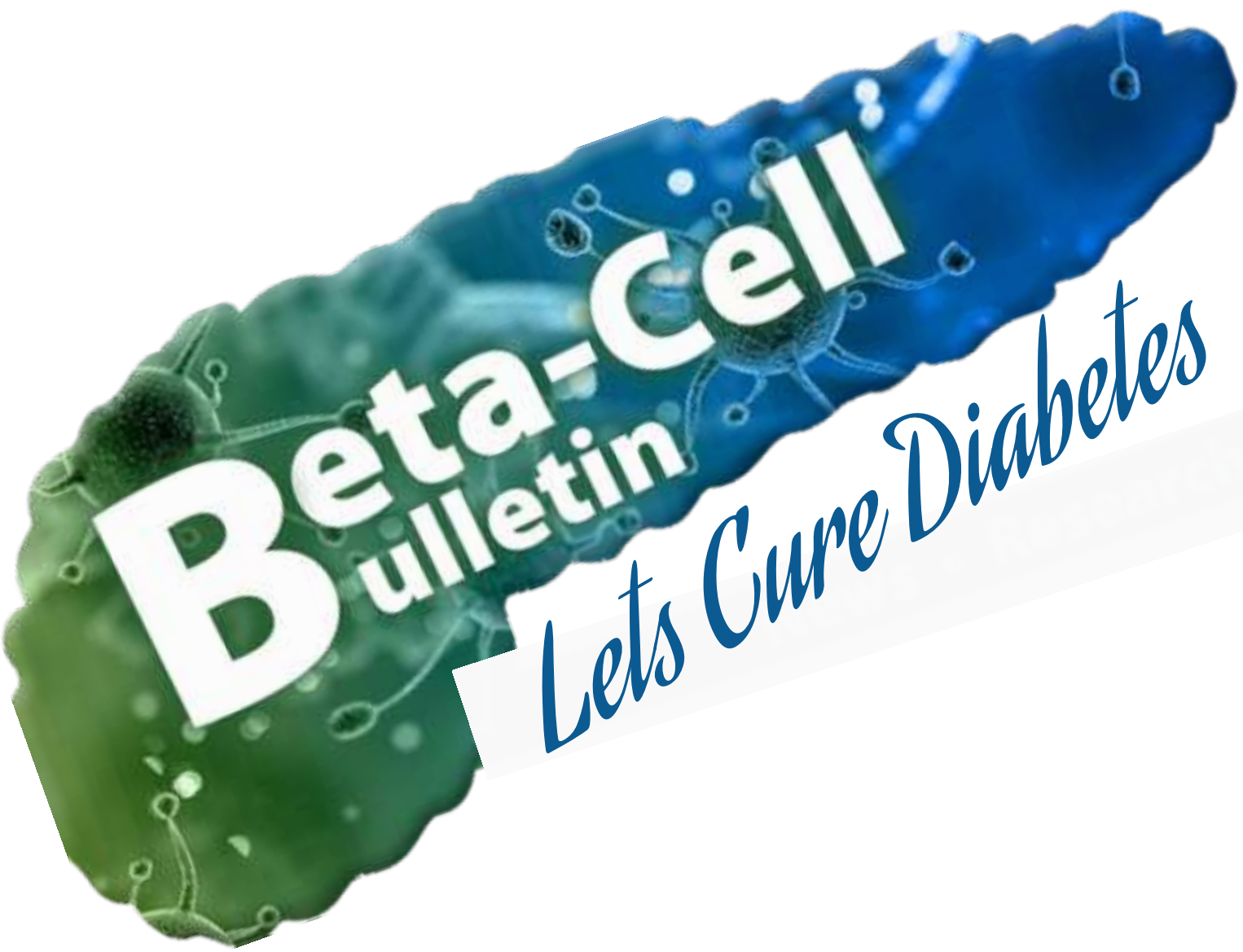
From Diabetes Care to Diabetes Cure

**The Cutting edge Technology
in Regenerative Medicine**



Medical Supply Ltd. Canada
A Regenerative Medicine Technology Company



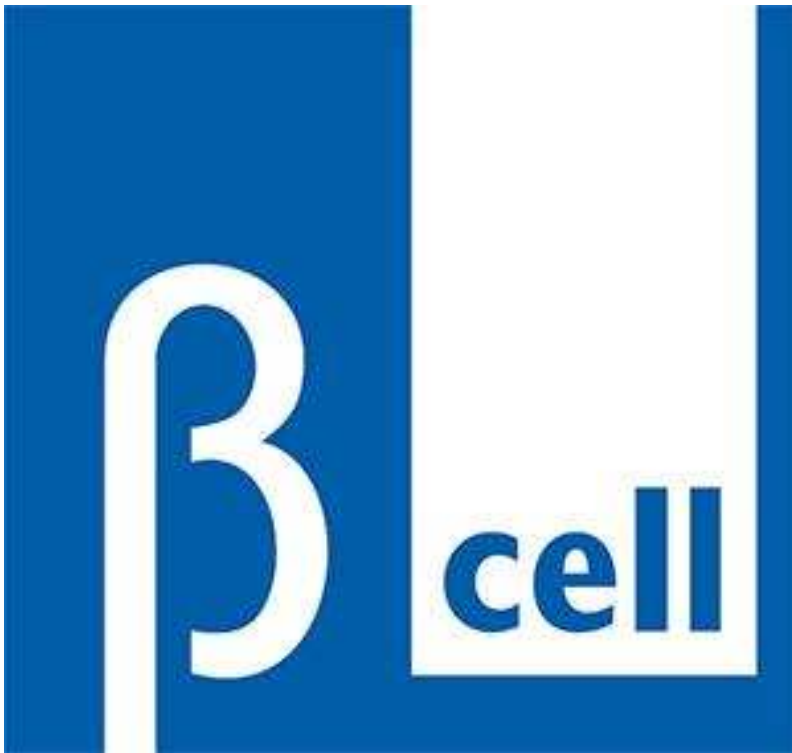


Lets Cure Diabetes



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Transplant

A New hope
for people
with diabetes
Complications



Who Is a Beta Cell Transplantation Candidate?

Diabetic Patients with Complications such as:

- 1- Kidney failure
- 2-Neuropathy (problems with nerves, such as numbness and pain)
- 3-Poor circulation that may result in amputation
- 4-Retinopathy (decreased vision or even blindness)
- 5-Hypoglycemic unawareness (low blood sugars that you do not realize are low)
- 6-Earlier onset of heart disease
- 7-Gastropathy (digestive problems).
- 8-Pediatric patients with type 1 diabetes.

**DIABETES
COMPLICATION**

Uncontrolled
diabetic effects

**IDEAL
FOR**

DCare

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**β cell
Transplant**

www.dcaremedical.ca - info@dcaremedical.ca

The Transplant Procedure

The Beta Cell transplantation has been developed as a minimal invasive procedure as an alternative to a whole pancreas transplant to avoid major surgery and the related complications.

However, since the islets are isolated from a deceased donor pancreas, the patient still requires the same immunosuppression and similar management as after the whole pancreas transplantation described above.

A pancreas comes from a deceased donor, just as a whole organ pancreas does, however, we select the donor pancreas based on special islet related criteria that was developing through a multi-center collaboration (see publication).

The pancreas then goes to be processed before transplantation. Pancreatic islets by the team in a special lab designed for processing cells for clinical therapy such as transplant. While the pancreas is being processed, the patient is being prepared for the transplant procedure.

Once both the islets and the patient are ready, the patient goes to interventional radiology instead of the operating room. Here, the patient receives conscious sedation and numbing medication- they are not put to sleep but relaxed. Then, the radiologist accesses a big vein in the liver (like an IV) and the cells, mixed in a special transplant solution, flow into the liver (small catheter is introduced into the portal vein). This procedure usually takes under an hour and once complete, patients return to their rooms after a short stop in the recovery area and are able to eat that same day. Most patients are ready to go home after 1-2 days in the hospital.

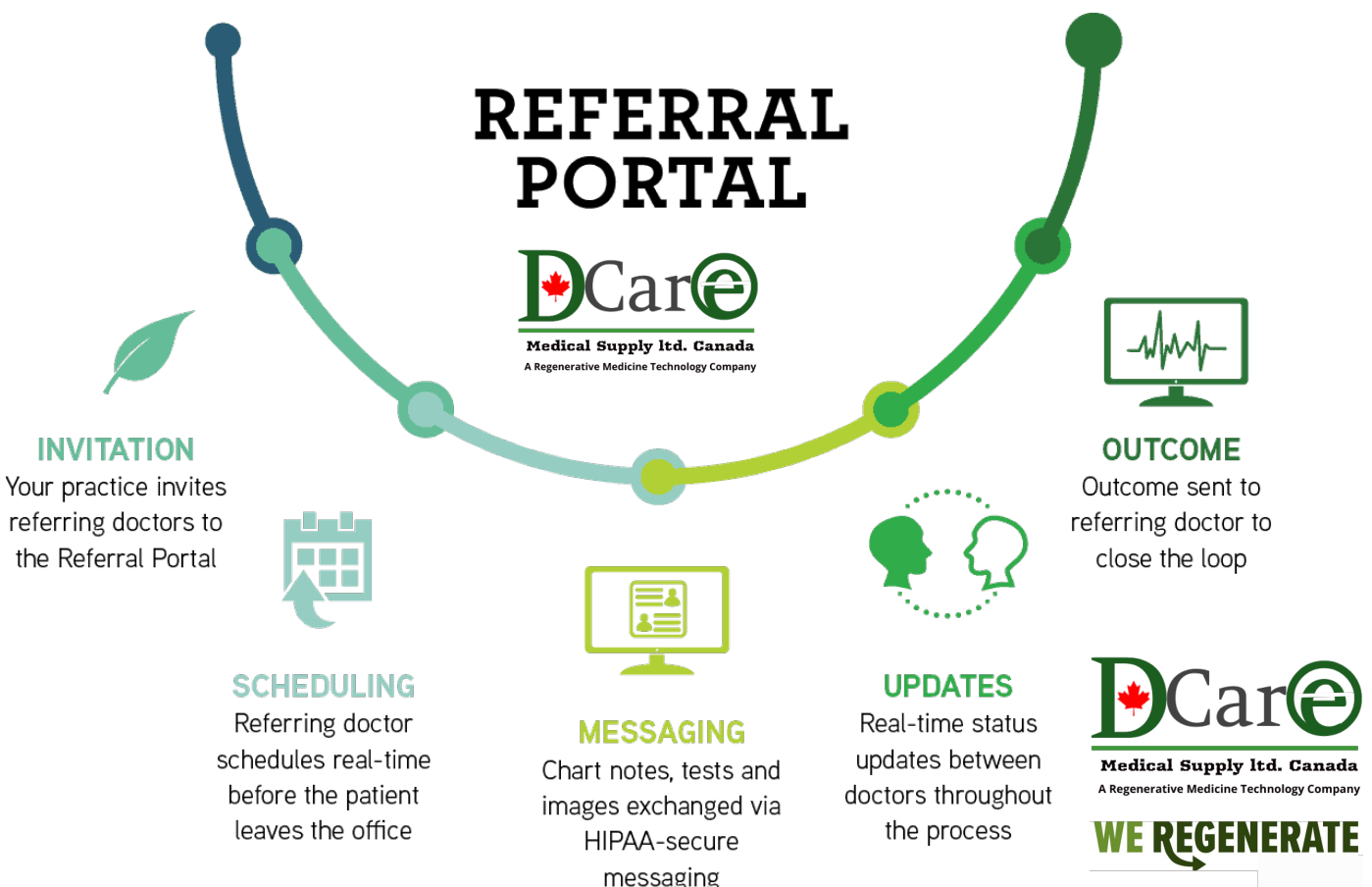
After the procedure, the transplanted islets help diabetic patients restore proper glucose control, prevent life-threatening severe hypoglycemic episodes and ultimately remove the need for insulin supplementation.

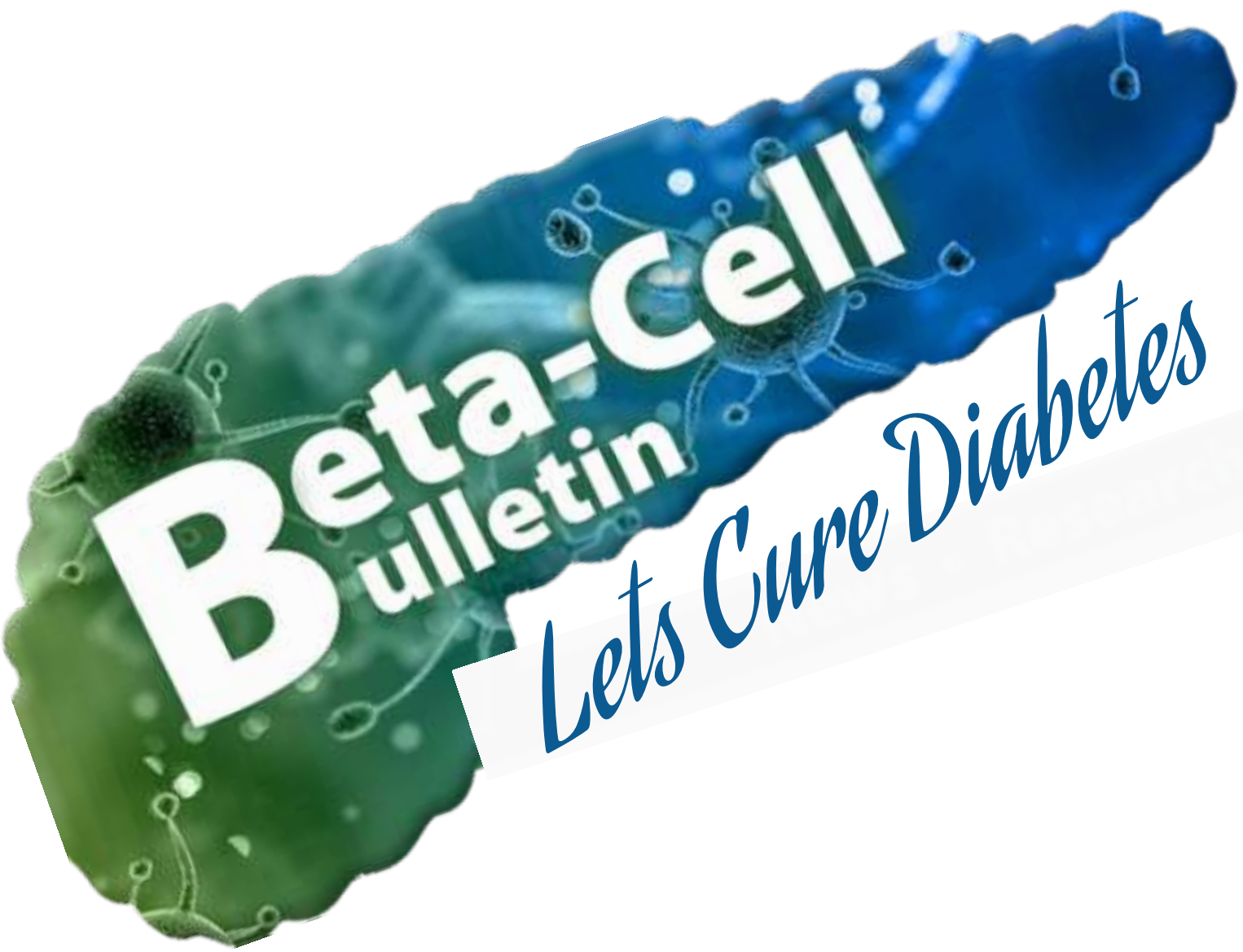
nsplant Procedure

GET IN TOUCH

Endocrinologists are invited to refer patients For Beta Cell Transplant
Please ask DCare Canada info@dcaremedical.ca or contact us through What Sapp Canada **+1 587 892 5692 or Middle East +2 010 99885677 or +2 010 99981119** to get the for Protocol and applications form and patients records .

Patients are invited , Please Contact DCare Medical Canada info@dcaremedical.ca or contact us through What Sapp Canada **+1 587 892 5692 or Middle East +2 010 99885677 or +2 010 99981119** to direct you to our Certified Team in each country for Patients preparation





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