

***Guidelines to be followed by centres, services and units in order to be designated as Reference Centres, Services and Units of the National Health System as agreed by the Interterritorial Board***

**21. PANCREAS TRANSPLANTATION**

***A. Rationale for the proposal***

► Epidemiological data on recommendation for pancreas transplant.	In Spain, recommendation for pancreas transplantation is 4.1 per million population. In 2006 in particular there were 185 transplantations indicated in adults.
► Data on the use of the procedure.	In Spain, pancreas transplantation activity during 2006 consisted of 94 transplants (2.1 transplants per million population).

***B. Guidelines to be followed by Centres, Services and Units in order to be designated as Reference Centres, Services and Units for pancreas transplantation.***

<p>► Experience of the Reference Centres, Services and Units:</p> <p>- Activity:</p> <ul style="list-style-type: none"> <li>• Number of procedures (minimum and optimal) that should be performed in a year to ensure an adequate care.</li> </ul> <p>- Other data: research on the subject, postgraduate teaching, continuing training, etc.</p>	<p>Having been active in the last 5 years and having performed at least 30 pancreas transplantations in the last 5 years.</p> <p>- Hospital with undergraduate medical teaching programme.</p> <p>- Hospital with a standardized continuing training programme and participation in the undergraduate teaching programme and in the internship and residency programme of the centre.</p>
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<p>► Specific resources of the Reference Centres, Services and Units:</p> <p>- Human resources required for adequate care of pancreas transplant.</p> <p>Professional experience<sup>a</sup>:</p> <p>- Specific equipment required for adequate care.</p>	<p>In addition to those generically mentioned for authorization according to Royal Decree 2070/1999, December 30<sup>th</sup>, establishing the general basis for clinical harvesting and use of human organs and the territorial coordination in donation and transplantation of organs and tissues, the centre must have the following human resources:</p> <p>- Medical surgical team available at all times, with, at least, 3 surgeons, 1 endocrinologist, 1 nephrologist and 1 anaesthetist with the basic education specified below.</p> <p>Experience in transplant surgery and especially in pancreas transplantation for:</p> <ul style="list-style-type: none"> <li>- medical team.</li> <li>- surgical team.</li> <li>- anaesthesia team.</li> </ul> <p>In addition to those generically mentioned for authorization according to Royal Decree 2070/1999, December 30<sup>th</sup>, establishing the general basis for clinical harvesting and use of human organs and the territorial coordination in donation and transplantation of organs and tissues, the centre must have:</p> <p>- Endocrinology Unit and General and Digestive Surgery or Urology Unit with staff and experience in hepatobiliary and pancreatic surgery<sup>b</sup> in order to guarantee the appropriate carrying out of these transplants and the adequate monitoring, diagnosis and treatment of the possible complications of these patients.</p>
<p>► Procedure and clinical results indicators of the Reference Centres, Services and Units <sup>b</sup>:</p>	<p><b>The indicators will be agreed with the Units that will be designated.</b></p>
<p>► Existence of an adequate IT system (Type of data that the IT system must include to allow identification of the activity and evaluation of the quality of the services provided)</p>	<p>Participation in the Spanish Registry for Pancreas Transplantation<sup>3</sup>, providing data from the International Registry for Pancreas transplantation<sup>4</sup>, and completion of the required variables for calculation of activity and result indicators.</p>

	- The unit must have the required data which should be sent to the Spanish National Health Service Reference Centres, Services and Units Appointment Commission Secretariat for yearly reference unit monitoring.
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<sup>a</sup> Experience will be accredited by certification from the hospital manager.

<sup>b</sup> Clinical results standards, agreed to by the experts group, will be assessed, initially by the Appointment Commission, while in the qualification process, as more information from the Reference Centres, Services and Units is being obtained. Once qualified by the Appointment Commission, the Quality Agency will authorize its compliance, as for the rest of guidelines.

### **Bibliography:**

1. Memoria de actividad de trasplante de páncreas 2006. (2006 Pancreas transplantation activity report). Available at: URL: [http://www.ont.es/Estadistica?id\\_nodo=19&accion=0&&keyword=&auditoria=F](http://www.ont.es/Estadistica?id_nodo=19&accion=0&&keyword=&auditoria=F).
2. Memoria de actividad. Otros trasplantes. Revista Española de Trasplantes 2006; July 15 (2):113-114.
3. Registro Español de Trasplante de Páncreas. (Spanish Registry for Pancreas Transplantation). In [http://www.ont.es/Home?id\\_nodo=124](http://www.ont.es/Home?id_nodo=124).
4. Registro internacional de trasplante de páncreas.(International registry for Pancreas transplantation). <http://www.iptr.umn.edu/>.