

***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***

**22. INTESTINAL TRANSPLANTATION IN CHILDREN AND ADULTS**

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

► Epidemiological data on recommendation for intestinal transplantation.	In Spain, recommendation for intestinal transplantation is 0.6 per million population. In 2006 in particular there were 27 transplantations indicated in adults.
► Data on the use of the procedure.	In Spain, intestinal transplantation activity during 2006 consisted of 13 transplants (0.3 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 intestinal 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>- Active in the last 3 years and 5 transplantations since the centre is active.</p> <p>- In addition, liver transplantation programmed authorized and active.</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.</p> <p>Professional experience<sup>a</sup>:</p> <p>- Specific equipment required for adequate care of intestinal transplantation.</p> <p>► Resources from other units and services besides those belonging to the Reference Centres, Services and Units required for the adequate care of intestinal transplantation.</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> <ul style="list-style-type: none"> <li>- At least 2 transplant surgeons and 1 hepatologist available at all times with the basic education specified below.</li> </ul> <p>Consolidated experience (2 years) in liver and intestinal transplantation and integral treatment of intestinal pathology.</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:</p> <ul style="list-style-type: none"> <li>- Integrative nutrition unit.</li> <li>- Liver transplantation facility.</li> </ul> <p>Specific support by:</p> <ul style="list-style-type: none"> <li>- Pathological anatomy.</li> <li>- Interventional radiology.</li> <li>- Immunology.</li> <li>- Microbiology and infectious diseases.</li> <li>- Endoscopy and gastroenterology.</li> </ul>
<p>► Procedure and clinical results indicators of the Reference Centres, Services and Units<sup>b</sup>:</p>	<p>The indicators will be agreed with the Units that will be designated.</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)	Participation in the International Registry for Intestinal Transplantation <sup>3</sup> , until the Spanish Registry for Intestinal transplantation is created, and completion of the required variables for calculation of activity and result indicators.
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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 hepático 2006. (2006 Liver 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 Internacional de Trasplante intestinal. (Spanish Registry for Intestinal Transplantation). <http://www.intestinaltr>.