

# Diagnòstic per la imatge (IDIMAS)

Responsable de l'Institut: F. Ferrer Masip  
 Responsable de Docència: M. Sanz Marín  
 Responsable de ressonància magnètica (CRC-Mar): X. Perich Alsina  
 Responsable de medicina nuclear (CRC-Mar): E. Martínez Miralles  
 Metges de l'Hospital del Mar: 14  
 Metges de l'Hospital de l'Esperança: 3  
 Metges de Medicina nuclear i PET: 4  
 Residents de l'Hospital del Mar: 5

## Activitat

### Hospital del Mar

	2007	2008
<b>Activitat (exploracions)</b>		
Radiologia simple i amb contrast	85.690	87.581
Ecografies	14.774	16.672
Tomografies axials computades	14.607	16.392
Ressonàncies magnètiques	9.096	8.966
Medicina nuclear	6.779	8.580
Mamografies	16.795	17.979
Intervencionisme	1.991	2.436
PET	153	1.236
<b>Total</b>	<b>149.885</b>	<b>159.842</b>

### Hospital de l'Esperança

	2007	2008
<b>Activitat (exploracions)</b>		
Radiologia simple i amb contrast	33.269	33.337
Ecografies	4.911	4.931
Tomografies axials computades	7.505	8.037
Mamografies	7.575	8.251
Intervencionisme	449	389
Medicina nuclear	1.999	-
<b>Total</b>	<b>55.708</b>	<b>54.945</b>

## Docència i recerca

### Docència UAB

Professor titular: M. Sanz Marín  
 Professors associats: M. Busto Barrera, F.J. Ferrer Masip, A. Gayete Cara, J. Perich Alsina, J. Sánchez Parrilla, A. Solano López

### Publicacions

#### Articles originals en revistes nacionals

- Rubí S, Vidal-Sicart S, Ortega M, Doménech B, Lafuente S, Corral JM, Gelabert-Mas A. Localización del ganglio centinela en el carcinoma escamoso de pene. Experiencia inicial. Rev Esp Med Nucl 2008; 27(1): 3-7.

#### Articles originals en revistes internacionals

- Foro P, Valls-Fontanals A, Carles J, Lynd F, Sanz J, Rodríguez de Dios N, Reig A, Lacruz M, Lozano J, Membrive I, Algara M. Randomized clinical trial with two palliative radiotherapy regimens in painful bone metastases: 30 Gy in 10 fractions compared with 8 Gy in single fraction. Radiother Oncol 2008; 89(2): 150-155.
- Catafau AM, Penengo MM, Nucci G, Bullich S, Corripio I, Parellada E, García-Ribera C, Gomeni R, Merlo-Pich E, for the Barcelona Clinical Imaging in Psychiatry Group (...Salgado P, Rodríguez-Martínez A, Ros S...). Pharmacokinetics and time-course of D2 receptor occupancy induced by atypical antipsychotics in stabilized schizophrenic patients. J Psychopharmacol 2008; 22(8): 882-894.
- Torrens C, Corrales M, Melendo E, Solano A, Rodríguez-Baeza A, Cáceres-Palou E. Pectoralis major tendon as a reference for restoring humeral length and retroversion with hemiarthroplasty for fracture. J Shoulder Elb Surg 2008; 17(6): 947-950.
- Torrens C, Corrales M, González-Lucena G, Solano A, Cáceres-Palou E. Cadaveric and three-dimensional computed tomography study of the morphology of the scapula with reference to reversed shoulder prosthesis. J Orthop Surg 2008; 3(1): 49.
- Crespo C, Gallego J, Cot A, Falcón C, Bullich S, Pareto D, Aguiar P, Sempau J, Lomeña F, Calviño F, Pavia J, Ros D. Quantification of dopaminergic neurotransmission SPECT studies with 123I-labelled radioligands. A comparison between different imaging systems and data acquisition protocols using Monte Carlo. Eur J Nucl Med Mol I 2008; 35(7): 1334-1342.

- Molins E, Macià F, Ferrer-Masip JF, Maristany T, Castells X. Association between Radiologists "Experience and Accuracy in Interpreting Screening Mammograms". *BMC Health Serv Res* 2008; 8: 91.
- Muñoz-Yunta JA, Ortiz T, Palau-Baduell M, Martín-Muñoz L, Salvadó B, Valls A, Perich X, Cristóbal I, Fernández A, Maestú F, Dürsteler C. Magnetoencephalographic pattern of epileptiform activity in children with early-onset autism spectrum disorders. *Clin Neurophysiol* 2008; 119(3): 626-634.
- Lisbona-Pérez MP, Maymó J, Perich X, Almirall M, Pérez-García C, Carbonell J. Etanercept reduces synovitis as measured by magnetic resonance imaging in patients with active rheumatoid arthritis after only 6 weeks. *J Rheumatol* 2008; 35(3): 394-397.
- Catafau AM, Bullich S, Danus M, Penengo MM, Cot A, Abanades S, Farré M, Pavia J, Ros D. Test-retest variability and reliability of 123I-IBZM SPECT measurement of striatal dopamine D2 receptor availability in healthy volunteers and influence of iterative reconstruction algorithms. *Synapse* 2008; 62(1): 62-69.

*Articles en revistes nacionals (notes)*

- Cucurella G, Jiménez-Conde J, Vollmer I. Marcada e inusual dilatacion unihemisferica de los espacios de Virchow-Robin. *Neurología (Barc)* 2008; 23(1): 52.

*Articles en revistes internacionals (notes)*

- Ramos-Delgado I, González-Álvarez I, Martínez R, Trillo L, Sánchez J. Perioperative management of late metastasis of pheochromocytoma in clavicle. *Eur J Anaesthesiol* 2008; 25(1): 79-80.
- Gimeno E, Cervera M, Trampal C, Solano A, Villalba G, Serrano S, Besses C, Salar A. Langerhans' cell histiocytosis mimicking relapse in a patient with follicular lymphoma. *Ann Hematol* 2008; 87(8): 675-676.
- Sanz J, Rodríguez de Dios N, Foro P, Algara M. Breast Conservative Surgery With Close or Positive Margins: In Regard to Guinot et al. (*Int J Radiat Oncol Biol Phys* 2007;68:1381-1387). *Int J Radiat Oncol* 2008; 70(3): 962-963.

*Articles en revistes internacionals (revisions)*

- Algara M, Sanz J, Foro P, Lacruz M, Reig A, Lozano J, Membrive I, Quera J, Rodríguez de Dios N. Use of radiation treatment units in breast cancer. Changes in the last 15 years. *Clin Transl Oncol* 2008; 10(1): 47-51.

**Tesis**

- Rodríguez de Dios N. Radioterapia radical en el cáncer de pulmón. Factores predictivos de esofagitis. Universitat Autònoma de Barcelona. Director: Algara M, Galcerán JC. Fecha Lectura: 01/01/2008.