

2011

2010-2012

The approval of [ipilimumab](#)-the first in class [immune checkpoint inhibitor](#)-in [2011](#) serves as a [landmark](#) period of time in the resurgence of [cancer immunotherapy](#).

Prenatal [myelomeningocele](#) (MMC) repair has significant advantages over postnatal repair, as was demonstrated by the Management of [Myelomeningocele](#) Study (MOMS) in [2011](#) ¹⁾

[Pipeline](#) endovascular device in [2011](#).

Guidelines for the determination of [brain death](#) in [infants](#) and [children](#) endorsed by the Society of Critical Care Medicine, The Section for Critical Care and Section of Neurology of the American Academy of Pediatrics and the American College of Critical Care Medicine ²⁾.

The Diagnostic Methods commission of the [International League against Epilepsy](#) (ILAE) released a first international consensus classification of [Focal Cortical Dysplasia](#) (FCD) in [2011](#).

The [2011](#) American Heart Association guidelines recommend open surgery or endovascular intervention to treat symptomatic ischemic lesions affecting the anterior cerebral circulation caused by [Common carotid artery occlusion](#) ³⁾

In March [2011](#), investigators from Australia and several other countries published the results of the [DECRA trial](#) in the [New England Journal of Medicine](#). This was a randomized trial comparing decompressive craniectomy to best medical therapy run between 2002 and 2010 to assess the optimal management of patients with medically refractory ICP following diffuse non-penetrating head injury. The study investigators found that decompressive craniectomy was associated with worse functional outcomes, as measured by a standard metric, than best medical care. There were no differences in deaths between groups ⁴⁾.

[InTBIR](#) is a collaborative effort of the European Commission (EC), the Canadian Institutes of Health Research (CIHR) and the National Institutes of Health (NIH). It was set up in October [2011](#) to advance

clinical [traumatic brain injury](#) (TBI) research, treatment and care.

[Cattle encephalon glycoside and ignotin injection](#) (drug approval H22025046; Jilin Sihuan Pharmaceutical Co. LTD., Jilin, People's Republic of China) was approved by the Chinese Food and Drug Administration in 2011.

1)

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2)

Nakagawa TA, Ashwal S, Mathur M, et al. Guidelines for the determination of brain death in infants and children: an update of the 1987 Task Force recommendations. *Crit Care Med*. 2011; 39:2139-2155

3)

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4)

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