

**TABLE II** World Experience in Clinical Heart Xenotransplantation

<b>Case</b>	<b>Year</b>	<b>Surgeon</b>	<b>Institution</b>	<b>Donor</b>	<b>Type of transplant</b>	<b>Outcome</b>	<b>Reference source</b>
1	1964	Hardy	University of Mississippi, Jackson, Mississippi, USA	Chimpanzee	OHT	Functioned 2 hours (heart too small to support circulation)	(3)
2	1968	Ross	National Heart Hospital, London, UK	Pig	HHT	Cessation of function within 4 minutes (? vascular function)	(4,5)
3	1968	Ross	National Heart Hospital, London, UK	Pig	Perfused with human blood but not transplanted	Immediate cessation of function (? vascular function)	(4,5)
4	1968	Cooley	Texas Heart Institute Houston, Texas, USA	Sheep	OHT	Immediate cessation of function (? vascular rejection)	(6,7)
5	1969	Marion	Lyon, France	Chimpanzee	? OHT	Rapid failure (? raised pulmonary vascular resistance)	(8,9)
6	1977	Barnard	University of Cape Town, Cape Town, South Africa	Baboon	HHT	Functioned 5 hours (heart too small to support circulation)	(10)
7	1977	Barnard	University of Cape Town, Cape Town, South Africa	Chimpanzee	HHT	Functioned 4 days (failed from probable vascular rejection)	(10)
8	1984	Bailey	Loma Linda University, Loma Linda, California, USA	Baboon	OHT	Functioned 20 days (failed from vascular rejection)	(11)
9	1991	Religa	Silesian Academy of Medicine, Sosnowiec, Poland	Pig	OHT	Functioned <24 hours	(12)
10	1996	Baruah	India	Pig	OHT	Functioned <24 hours	Un-published

Source: Taniguchi S, Cooper DKC<sup>2</sup>

OHT = orthotopic heart transplantation

HHT = heterotopic heart transplantation