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·医学新闻·

心外科成功施行一例原位自体心脏移植手术

北京协和医院心外科成功为一例患有风湿性心脏病，二尖瓣重度狭窄伴巨大左心房的女性患者实施了原位自体心脏移植、巨大左房减容手术；术中心脏离体约40 min，在此期间还完成了二尖瓣置换，三尖瓣成形手术。

这位来自边远山区的57岁农民，在过去30余年间饱受风湿性心脏病的折磨。近年来，病情逐年加重，渐渐丧失了基本生活能力。长期二尖瓣狭窄导致的巨大左心房严重压迫支气管、肺和左心室引起反复肺部感染及心衰发生。由于巨大左心房对支气管、肺和左心室的压迫严重影响心肺功能，尤其影响心内直视术后心肺功能的恢复；而且，对于患者的远期预后，会增加左心房内血栓形成以及血栓脱落造成全身多器官栓塞的概率。所以，我科决定在为患者实施二尖瓣置换，三尖瓣成形手术的同时，拟行左心房减容手术。目前国际上针对左心房减容手术方式较多，比较常用的如左心房折叠减容术、左心房螺旋切除减容术，但减容效果存在争议。原位自体移植手术，左心房减容效果显著，但由于该手术复杂、心脏需要离体同期完成瓣膜手术以及特殊的心脏保护措施等原因，临床报告非常少。

本例手术于2010年6月11日施行。术中将患者心脏取出体外，切除巨大左心房。心脏离体40 min内快速置换二尖瓣，并完成三尖瓣成形。之后，顺利完成自体心脏原位移植。术后患者恢复良好，已经顺利出院。本例原位自体心脏移植手术的成功为自体心脏移植并行左心房减容手术的临床实践增添了成功的范例。

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