



"Shanxi Model"

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THE FIRST

Independent Provincial OPO in China

Shanxi OPO Scientific Committee



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The First Independent Provincial OPO in China: The Shanxi Experience

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BACKGROUND

It has been a decade since China launched the national pilot program for voluntary decased organ donation (DD). The Chinese reform of DD and organ transplandation of the control of the control of the control in 2019. The DD and the commission advocated the concept of developing organ procurement organizations (OPOs) to manage decased ODs. Here, we reseent the pathway of establishing the first independent provincial OPO in China and emphasize on its exemplary tole to advance DO in China.

CURRENT PROGRESS OF DECEASED OD IN CHINA

CHINA
Per the Global Observatory on Organ Donation and
Transplantation, deceased OD cases performed in China
reached 5818 in 2019, accounting for 14.3% of the global
deceased ODs have been performed under the national
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deceased ODs have been performed under the national
recovered. The Civil Code updated in 2020 mandates an
optim system for organ and tissue donation. The number of deceased organ donors per million population
(PMP) remained low (4.16) in 2019,3 suggesting rough

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W.J., Y.S., and X.W. contributed to resourch design, W.J., X.H., and Y.M. deltael the article, V.J. and H.W. performed research, E.J. and A.H. collected delta, V.S., F.J., J.Y., H.W., X.H., X.M., and X.W. jointy participated in data analysis. Correspondence Xiactory (N.L. M.O., PRJ. Scientific Committee of Shared Provincial Crigan Procurement and Allocation Confer of Shared Province.

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improvement. Currently, there are over 130 hospital-based OPOs throughout China. Regulations on Donor Organ Procurement and Distribution issued in 2019 stipulate that provincial OPOs should be gradually established to achieve the final goal in attaining self-sufficiency.⁶

ORGANIZATIONAL STRUCTURE OF SHANXI OPO

From 2015 to 2017, a group of medical staff located in transplant hospitals managed 100 activities in Shansi. In 2018, the Shansi Provincial Organ Procurement and Allocation Centre (Shanzi OPO) was founded under the supervision of the Shansi Provincial Health Commission. The Shansi OPO expressens the first independent non-term of the Shansi Provincial Health Commission. The Shansi OPO expressens the first independent non-term of the Shansi Provinces, Shanzi capacity of the Shansi OPO expression of the pilot provinces, Shanzi explored a feasible and up-to-date organ procurement structure, under which organ donatation coordination, organ recovery and organ allocation are managed uniformly within the province, In addition to OD, tissue donation and its specific implementation process had not under the current OPO proteam appeared impressive,

under in earlier de "program appearen imperative", interiorial departments has been built in the Shaasa' OPO (Figure 1). Medical facilities including donor intensive care units, surgical suites for organ procurement, and machines for organ perfusion have been installed at the OPO. An information center was established in 2020 to maximize the utilization of information technology, helping to coordinate the contractive of the con

OD

Shanxi witnessed an increasing rate in ODs, from 3.5 cease (PMP, 0.9) to 94 (PMP, 2.5), reflecting a growth rate of 168%. Organs recovered increased from 100 to 271 (Figure 2). From 2015 to 2017 (before the establishment of Shanxi OPO), procurement was limited to livers,

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中器捐管函[2021]16号

关于申报 2021 年人体器官捐献 课题研究项目的函

各有关单位:

为加强人体器官捐献相关工作的薄弱环节建设,推动人体器官捐献工作高质量发展,根据"十四五"中央专项彩票公益金人体器官捐献项目预算,中国人体器官捐献管理中心(以下简称"国家管理中心")计划征集开展人体器官捐献相关课题研究项目。现将具体事项函告如下:

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Training Program









Organize Organ Donation Trainings for Relevant Healthcare Professionals of Donation Hospitals Regularly Multi-disciplinary Professional Trainings for Our Staff





Annual "Scientific Report" on OD & OT

Quality Control and Management







Provide analysis and summary of relevant quality indicators of OD & OT work within Shanxi Province



