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Role of cardiovascular imaging in selection of donor hearts

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Abstract

AIM: To perform a systematic review of literature on use of cardiovascular imaging in assessment of donor hearts

METHODS: A systematic search of current literature from January 1965 to Aug 2015 was performed using PUBMED and Google Scholar to investigate the different imaging modalities used to assess donor hearts.

RESULTS: Recent literature still estimates only a 32 % utilization of available donor hearts in the United States. Most common imaging modality used is transthoracic echocardiography. Use of advanced imaging modalities such as 2D echocardiography

Match Overview

1	Publications 21 words Pellerin, D. Sharma, R. Elliott, P. Veyr. "Tissue Doppler, strain rate, and strain rate echocardiography for the assessment of	<1%
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Google 学术: Role of Cardiovascular Imaging in Selection of Donor Hearts

Selection and Treatment of Candidates for Heart ... - Costanzo - 被引用次数: 411

... Organs Recovered From the Cadaver Donor: Cardiac ... - Zaroff - 被引用次数: 311

... transplant waiting list: implications for donor selection ... - Lietz - 被引用次数: 72

The echocardiographic assessment of donor heart function ...

ehjcardimaging.oxfordjournals.org/content/6/4/260 翻译此页

作者: RV Venkateswaran - 2005 - 被引用次数: 14 - 相关文章

2005年8月1日 - European Heart Journal - Cardiovascular Imaging: 16 (6) ... Currently, selection involves a review of the present and past medical history of However, the natural history of changes in donor heart function as visualized by ...

Selection and Treatment of Candidates for Heart ...

circ.ahajournals.org/content/92/12/3593.full 翻译此页

作者: MR Costanzo - 1995 - 被引用次数: 411 - 相关文章

The donor shortage, which limits heart transplants in the United States to 2500 ... The cardiac function of patients with dilated cardiomyopathy associated with Planar rest and redistribution thallium 201 imaging is useful in assessing ...

Use of Echocardiography in Cardiac Donor Assessment

www.ishit.org/ContentDocuments/2012DecLinks_Khush.html 翻译此页

The utility of TTE as a screening tool for cardiac donors was first studied in 1988¹, when TTE ... In the absence of TTE, 29% of these donor hearts would have been ... defects that may be present in organ donors.^{1,2} LV size and contractile function can ... systems with harmonic imaging that can greatly enhance image quality.



Role of cardiovascular imaging in selection of donor hearts



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Google 学术: Role of cardiovascular imaging in selection of donor hearts

Heart-lung transplantation: successful therapy for ... - Reitz - 被引用次数: 770
... transplant waiting list: implications for donor selection ... - Lietz - 被引用次数: 76
... Organs Recovered From the Cadaver Donor: Cardiac ... - Zaroff - 被引用次数: 325

The echocardiographic assessment of donor heart function ...

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作者: RV Venkateswaran - 2005 - 被引用次数: 15 - 相关文章

2005年8月1日 - European Heart Journal - Cardiovascular Imaging: 16 (10) ...

Echocardiography; Donor heart assessment; Heart transplantation ... Currently, selection involves a review of the present and past medical history of the donor, ...

European Association of Cardiovascular Imaging ...

www.ncbi.nlm.nih.gov/pubmed/26139361 - 翻译此页

作者: LP Badano - 2015

2015年7月2日 - The cohort of long-term survivors of heart transplant is expanding, and the ... to implant the donor heart, the physiology of the transplanted heart, ... 2D echocardiography to assess the size and the function of cardiac chambers.

European Association of Cardiovascular Imaging ...

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European Heart Journal - Cardiovascular Imaging (Impact Factor: 4.11). ... employed to implant the donor heart, the physiology of the transplanted heart, ... 2D echocardiography to assess the size and the function of cardiac chambers.



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Heart transplantation - European Heart Journal ...

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2015年7月2日 - for the use of cardiac imaging to assess and follow patients after heart

..... Despite the donor's heart function is usually normal, the particular.

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Heart Transplantation

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The paucity of the donor pool demands a very careful patient- selection process to