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Pursuing meaningful end-points for stem cell therapy assessment in ischemic cardiac disease

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Abstract

Despite optimal interventional and medical therapy, ischemic heart disease (IHD) is still an important cause of morbidity and mortality worldwide. Although not included in standard of care rehabilitation, stem cell therapy (SCT) could be a solution for prompting cardiac regeneration. Multiple studies have been published from the beginning of SCT until now, but overall no unanimous conclusion could be drawn in part due to the lack

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作者：V Karantalis - 2015 - 被引用次数：125 - [相关文章](#)

Among the cell types under investigation, adult mesenchymal **stem cells** (MSCs) ... **stem cells** are lead candidates for cellular **therapy** not only for **heart disease**, but **assessment** of MSC immunology in humans is The Percutaneous **Stem Cell** The efficacy **end points** though were derived only from a comparison of 10 ...

Endpoints in stem cell trials in ischemic heart failure - NCBI - NIH

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2017年10月14日 - Phase III clinical trials of autologous cell **therapy** have been launched ... This article does not duplicate the many reviews on **stem cells** and the heart but ... I to Phase II clinical trials with **meaningful** intermediate **end-points** that are most in the **treatment** of heart failure secondary to **ischemic heart disease** ...

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作者： V Karantalis - 2015 - 被引用次数： 137 - 相关文章

In this context, mesenchymal **stem cells** are lead candidates for cellular **therapy** not only for **heart disease**, but multiple diseases characterized by fibrosis. The most important **assessment** of MSC immunology in humans is The Percutaneous **Stem Cell** Injection Delivery Effects on Neomyogenesis (POSEIDON; ...

缺少字词： pursuing

Stem Cell Therapy for Heart Failure - NCBI - NIH

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作者： RE Michler - 2013 - 被引用次数： 19 - 相关文章

One novel evolving **therapeutic** strategy for advanced **ischemic heart disease** is regenerative surgery, the transplantation of immature progenitor **cells** into the to **assess** secondary **endpoints**, it is important to recognize that all-cause mortality, cardiac mortality, and the incidence of recurrent MI were better in **cell therapy** ...

缺少字词： meaningful

Endpoints in stem cell trials in ischemic heart failure - NCBI - NIH

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作者： M Banovic - 2015 - 被引用次数： 6 - 相关文章

2015年8月29日 - Surrogate **endpoints** are generally acceptable to evaluate biologic plausibility and feasibility in these early trials, and to aid in hypothesis development for larger phase III studies. Surrogate endpoint parameters used to **assess** the effects of **stem cell therapy** on survival in chronic **ischemic heart**