

## Cell transplantation of lung stem cells has beneficial impact for emphysema

When autologous (self-donated) lung-derived mesenchymal stem cells (LMSCs) were transplanted endoscopically into 13 adult female sheep modeled with emphysema, post-transplant evaluation showed evidence of tissue regeneration with increased blood perfusion and extra cellular matrix content. Researchers concluded that their approach could represent a practical alternative to conventional stem cell-based therapy for treating emphysema.

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