

# The stressed right ventricle and its impact on the left ventricle

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## **The Stressed Right Ventricle And Its Impact On The Left Ventricle**

1. When stressed by pressure loading, the right ventricle behaves more similarly than differently to the left ventricle
2. Right ventricular resynchronization therapy is expected to improve right ventricular efficiency and exercise capacity in patients with repaired tetralogy of Fallot with RV dysfunction
3. Abnormalities of the interventricular septum motion and position through the cardiac cycle is a key indicator of biventricular dysfunction in RV pressure loading and in repaired tetralogy of Fallot
4. Transforming growth factor beta 1 is a key growth factor mediating injury in the pressure overloaded right ventricle
5. Cultured primary right ventricular fibroblasts can be used to investigate molecular manifestations of right ventricular mechanical stress
6. The physiological post-natal adaptation of the right ventricle to low impedance is the key determinant of its maladaptation to later stress
7. Timing is everything
8. It is astounding that the human brain finds it so difficult to understand the workings of organs under its command
9. Two things are infinite: the universe and human stupidity; and I'm not sure about the universe. (Albert Einstein)