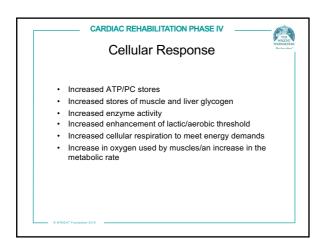
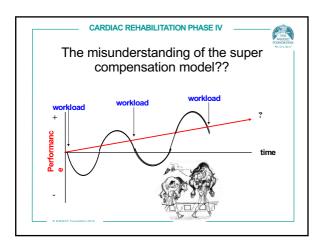


- · Increased strength and amounts of connective tissue
- Increase in body weight
- Can produce more forceful contractions
- Increased resting length of the muscles, increased range of joint movement

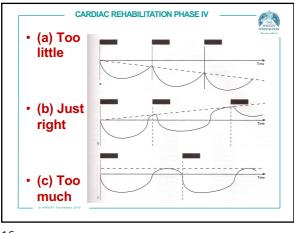




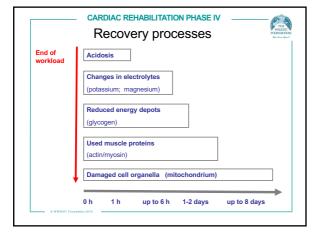
14

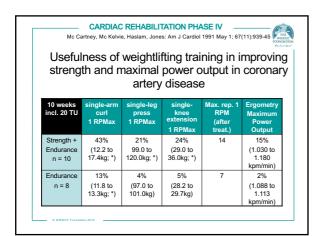




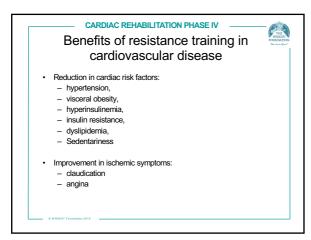




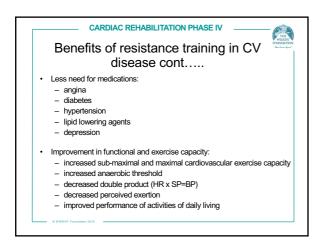


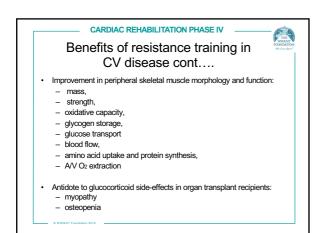


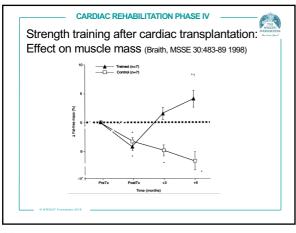




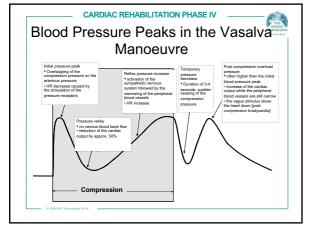




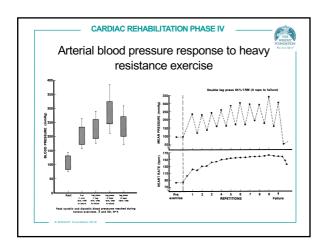




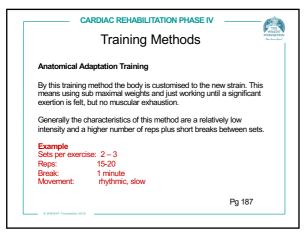


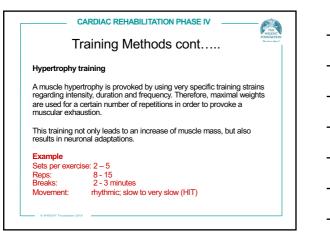


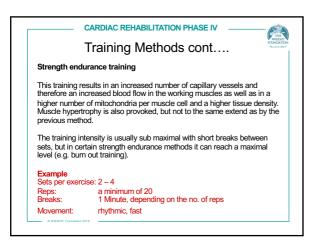


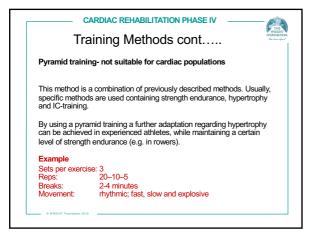


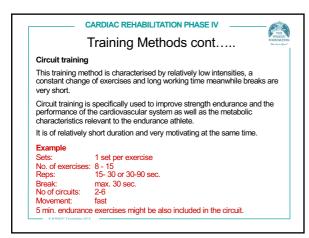












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CARDIAC REHABILITATION PHASE IV

Evidence for the Effects of Resistance Training in the Treatment of Cardiac Conditions Since the mid-1980's resistance training has become an accepted part of cardiac rehabilitation phases III and IV, and more recently, phase II. Evidence is consistent that this form of training provokes fewer signs and symptoms of myocardial ischaernia than aerobic training. Studies show that resistance training may result in improved self efficacy

and improved quality of life parameters (depression/dejection, fatigue, etc)

There are encouraging reports that resistance training may increase glucose tolerance and insulin sensitivity, <u>independent of</u> changes in body fat or aerobic capacity

Investigations of the acute circulatory responses to resistance exercise have noted a lower rate-pressure product and heart rate, a higher diastolic pressure and reduced ischaemia compared with compared with changes which occur during cycling at the same relative intensity

There is now an acceptance of resistance training as part of cardiac rehabilitation and it is endorsed by agencies such as ACSM.

