

Exercise testing in pulmonary hypertension

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Pulmonary hypertension

Methods of assessment

Functional class (NYHA / WHO)

Biochemical markers (uric acid, BNP, TnT/I)

Echocardiography (PE, Tei index, RV-Lv Fn)

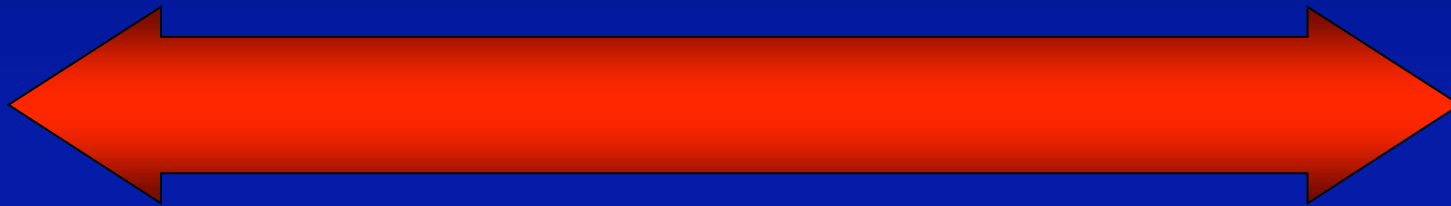
Exercise studies (6-min walk test, CPET)

Hemodynamic variables (RAP, CO, SvO₂)

Radiological studies (MRI, CT-scan)

Assessment of exercise capacity

Possible methods



NYHA / WHO
functional class

Six-minute
walk test

Cardiopulmonary
exercise testing

QoL
questionnaires?

Shuttle
walk test?

Pulmonary hypertension

Ideal method of assessment

	6MWT	CPET
• Pathophysiological background	X	X
• Non invasive	X	X
• Inexpensive	X	X
• Safe	X	X
• Related to disease's severity and patients' outcome	X	X
• Sensitive to clinical changes	X	?
• Reproducible	X	?