

Ce devoir porte sur une étude observationnelle réalisée en unité de soins intensifs. La question sous jacente est de savoir si une technique de réanimation (pose d'une sonde de Swan Ganz, ou Right Heart Catheterization (RHC)) est réellement efficace ou pas (en d'autres termes, le gain théorique que cette technique est sensé apporté est-il supérieur aux conséquences potentiellement délétères de ce geste ?...

L'étude est tirée de Connors *et al.* (1996): The effectiveness of RHC in the initial care of critically ill patients. *J American Medical Association* 276:889-897.

Les données sont les suivantes:

Table 1: SUPPORT Variable Description

Variable name	Variable Definition
Age	Age
Sex	Sex
Race	Race
Edu	Years of education
Income	Income
Ninsclas	Medical insurance
Cat1	Primary disease category
Cat2	Secondary disease category
<i>Categories of admission diagnosis:</i>	
Resp	Respiratory Diagnosis
Card	Cardiovascular Diagnosis
Neuro	Neurological Diagnosis
Gastr	Gastrointestinal Diagnosis
Renal	Renal Diagnosis
Meta	Metabolic Diagnosis
Hema	Hematologic Diagnosis
Seps	Sepsis Diagnosis
Trauma	Trauma Diagnosis
Ortho	Orthopedic Diagnosis

Adld3p	ADL
Das2d3pc	DASI (Duke Activity Status Index)
Dnr1	DNR status on day1
Ca	Cancer
Surv2md1	Support model estimate of the prob. of surviving 2
Aps1	APACHE score
Scoma1	Glasgow Coma Score
Wtkilo1	Weight
Temp1	Temperature
Meanbp1	Mean blood pressure
Resp1	Respiratory rate
Hrt1	Heart rate
Pafi1	PaO2/FIO2 ratio
Paco21	PaCo2
Ph1	PH
Wble1	WBC
Hema1	Hematocrit
Sod1	Sodium
Pot1	Potassium
Crea1	Creatinine
Bili1	Bilirubin
Alb1	Albumin
Urin1	Urine output
<i>Categories of comorbidities illness:</i>	
Cardiohx	Acute MI, Peripheral Vascular Disease, Severe Ca

	Symptoms (NYHA-Class III), Very Severe Cardio Symptoms (NYHA-Class IV)
Chfhx	Congestive Heart Failure
Dementhx	Dementia, Stroke or Cerebral Infarct, Parkinson's
Psychhx	Psychiatric History, Active Psychosis or Severe D
Chrpulhx	Chronic Pulmonary Disease, Severe Pulmonary Di Severe Pulmonary Disease
Renalhx	Chronic Renal Disease, Chronic Hemodialysis or I Dialysis
Liverhx	Cirrhosis, Hepatic Failure
Gibledhx	Upper GI Bleeding
Malighx	Solid Tumor, Metastatic Disease, Chronic Leukem Acute Leukemia, Lymphoma
Immunhx	Immunosuppression, Organ Transplant, HIV Posit Diabetes Mellitus Without End Organ Damage, Di Mellitus With End Organ Damage, Connective Tis
Transhx	Transfer (> 24 Hours) from Another Hospital
Amihx	Definite Myocardial Infarction
Swangl	Right Heart Catheterization (RHC)
Sadmdte	Study Admission Date
Dthdte	Date of Death
Lstctdte	Date of Last Contact
Dschdte	Hospital Discharge Date
Death	Death at any time up to 180 Days
Ptid	Patient ID