



Comparison of four right ventricular systolic echocardiographic parameters to predict adverse outcomes in chronic heart failure.

Thibaud Damy, Caroline Viallet, Olivier Lairez, Guillaume Deswarthe, Alexandra Paulino, Patrick Maison, Emmanuelle Vermes, Pascal Gueret, Serge Adnot, Jean-Luc Dubois-Randé, et al.

► To cite this version:

Thibaud Damy, Caroline Viallet, Olivier Lairez, Guillaume Deswarthe, Alexandra Paulino, et al.. Comparison of four right ventricular systolic echocardiographic parameters to predict adverse outcomes in chronic heart failure.: RV function prognostic importance in CHF.. European Journal of Heart Failure, 2009, 11 (9), pp.818-24. 10.1093/eurjhf/hfp111 . inserm-00414783

HAL Id: inserm-00414783

<https://inserm.hal.science/inserm-00414783>

Submitted on 10 Sep 2009

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Table 3: Significant independent predictors by multivariate Cox proportional regression analysis with backward stepwise.

Variables	Hasards ratio	95%CI	P
PSV _{tdi} < 9.5cm.s ⁻¹	8.83	2.7-29.5	<0.001
Log BNP, pg.ml ⁻¹	4.12	1.64- 0.7	0.003
NYHA 1-2 vs 3-4	0.43	0.19-0.99	0.048

PSV_{tdi}: Peak Systolic Velocity of the tricuspid annular measured in tissue Doppler imaging;
log BNP: Brain Natriuretic Peptide logarithmic transformed; NYHA: New York Heart Association class.