

## A stress index to enhance DCS risk assessment for both air and mixed gas exposures

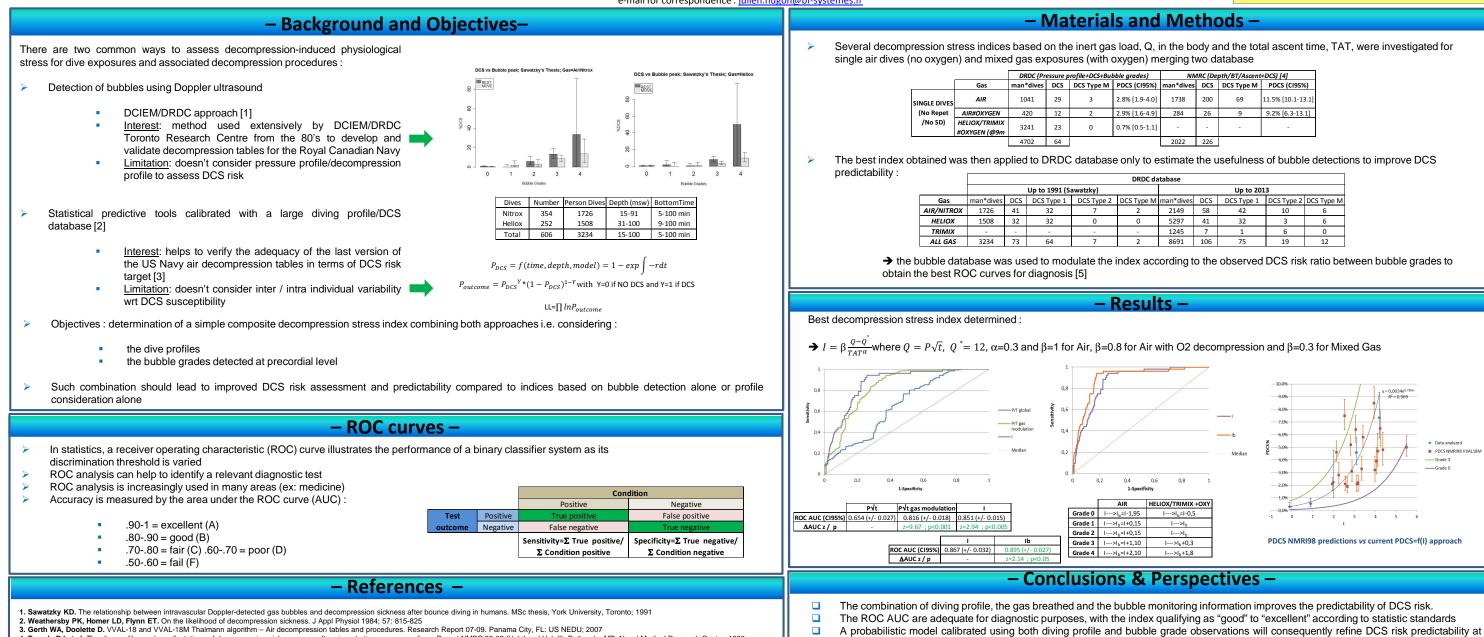
Julien HUGON<sup>a</sup>, Ron NISHI<sup>b</sup>, Fethi BOUAK<sup>c</sup>, Jean-Eric BLATTEAU<sup>d</sup>, Emmanuel GEMPP<sup>e</sup>

a BF Systemes – Technopole de la Mer, 229 chemin de la Farlède, 83500 La Seyne sur Mer, France ; b Defence R&D Canada – Toronto (retired), Toronto, ON, Canada.; c Defence Research and Development Canada, Toronto Research Centre, 1133 Sheppard Avenue West, Toronto, Canada

d Institut de Recherche Biomédicale des Armées, Équipe de Recherche Subaquatique Opérationnelle, BP 600 Toulon Cedex 9, France ; e French Navy diving school, BP 311 83800 Toulon cedex 9, France

e-mail for correspondence : julien.hugon@bf-systemes.fr

group and individual levels



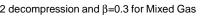
4. Temple DJ et al. The dive profiles and manifestations of decompression sickness case after air and nitrogen-oxygen dives. Report NMRC 99-02 (Vol. I and Vol. II). Bethesda. MD: Naval Medical Research Center: 1999 5. HanleyJA, McNeil. A method of comparing the areas under receiver operating characteristic curves derived from the same cases. Radiology 1983; 148: 839-843

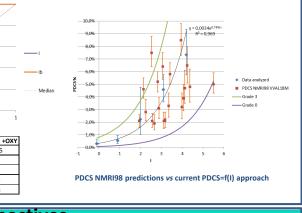


## 48th UHMS Annual Scientific Meeting

MRC (Depth/BT/Ascent+DCS) [4]						
;	DCS	DCS Type M	PDCS (CI95%)			
	200	69	11.5% [10.1-13.1]			
	26	9	9.2% [6.3-13.1]			
	-	-	-			
	226					

Up to 2013						
	DCS	DCS Type 1	DCS Type 2	DCS Type M		
	58	42	10	6		
	41	32	3	6		
	7	1	6	0		
	106	75	19	12		





0.8