



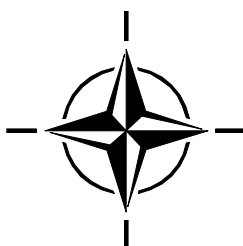
**RTO MEETING PROCEEDINGS MP-109**

**HFM-100**

# **NATO Force Health Protection Requirements from Pre- to Post-Deployment: Population Health for the Military**

(Les besoins des forces de l'OTAN en matière  
de soins de santé du pré-déploiement  
jusqu'au post-déploiement : la santé  
des populations militaires)

Papers prepared for the RTO Human Factors and Medicine Panel (HFM)  
Symposium which was scheduled to be held in Antalya, Turkey,  
7-9 April 2003 but cancelled due to circumstances beyond our control.



Published December 2003

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- AVT Applied Vehicle Technology Panel
- HFM Human Factors and Medicine Panel
- IST Information Systems Technology Panel
- NMSG NATO Modelling and Simulation Group
- SAS Studies, Analysis and Simulation Panel
- SCI Systems Concepts and Integration Panel
- SET Sensors and Electronics Technology Panel

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RTO builds upon earlier co-operation in defence research and technology as set-up under the Advisory Group for Aerospace Research and Development (AGARD) and the Defence Research Group (DRG). AGARD and the DRG share common roots in that they were both established at the initiative of Dr Theodore von Kármán, a leading aerospace scientist, who early on recognised the importance of scientific support for the Allied Armed Forces. RTO is capitalising on these common roots in order to provide the Alliance and the NATO nations with a strong scientific and technological basis that will guarantee a solid base for the future.

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# **NATO Force Health Protection Requirements from Pre- to Post-Deployment: Population Health for the Military (RTO MP-109 / HFM-100)**

## **Executive Summary**

The HFM panel of the NATO Research and Technology Organisation (RTO) organized a symposium focusing on the integration of all kinds of protection possibilities for different health threats that the military encounter during periods of deployment. In particular, the measures that can be done before, during and post deployment were addressed. The military health care system can be seen as a whole chain of interventions, ranging from prevention to care of veterans. The symposium programme focused on both the required interventions as well as the systems that can monitor health risks, exposure or health changes.

On reviewing the papers received, it can be concluded that exchange of scientific and practical information is needed between several organizations and groups; not only to agree on new protocols and standards but also to develop a comprehensive (“virtual”) health care system, in which all kind of health parameters can be related and documented.

Due to circumstances beyond the RTO’s control this HFM symposium was cancelled. Given the importance of the topics addressed, it was decided to publish the papers available for the symposium programme. The Technical Evaluation Report is based on the received papers only.

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# **Les besoins des forces de l'OTAN en matière de soins de santé du pré-déploiement jusqu'au post-déploiement : la santé des populations militaires**

## **(RTO MP-109 / HFM-100)**

### **Synthèse**

La commission HFM de l'Organisation OTAN pour la recherche et la technologie (RTO) a organisé un symposium sur l'intégration de multiples possibilités de protection contre les différentes menaces pour la santé rencontrées par les militaires lors des opérations. En particulier, le symposium a examiné les mesures qui peuvent être prises avant, pendant et après le déploiement. Le système de soins de santé militaire peut être considéré comme une chaîne complète d'interventions, allant des soins préventifs jusqu'aux soins dispensés aux vétérans. Le programme du symposium a couvert tant les interventions nécessaires que les systèmes destinés à contrôler les risques pour la santé, l'exposition aux risques et l'évolution de la santé.

La lecture des communications reçues nous permet de conclure qu'un échange d'informations scientifiques et pratiques entre différents groupes et organisations s'avère nécessaire, non seulement pour définir de nouveaux protocoles et de nouvelles normes, mais également pour développer un système de soins de santé compréhensif (« virtuel »), permettant de constater et de documenter une grande diversité de paramètres de santé.

En raison de circonstances indépendantes de la volonté de la RTO, ce symposium RTO a dû être annulé. Pourtant, étant donné l'importance des sujets examinés, il a été décidé de publier les communications reçues. Le rapport d'évaluation technique est basé uniquement sur ces communications.

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Exposure on health risks	Medical intelligence	Prevention	
Hazards	Medical personnel	Public health	
Health	Medical services	Risk assessment	
Health communication	Military health care	Safety	
Health information systems	Military medicine	Standards	
Health interventions	Military operations	Veteran health care	
	Military planning		
<b>14. Abstract</b>			
The purpose of the Symposium was to bring together Public Health, Occupational Health and Military Health professionals to discuss the strategies and technologies available to combat the threats mentioned. The specific objectives would be to share expertise and approaches so that the protection of the health of deployed NATO forces might be optimized.			

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