## CONTENTS

INTRODUCTION - Holger Ursin and Robert Murison	1
SECTION 1: PROBLEM AREA AND DEFINITIONS	
The Stress Concept - Holger Ursin and Robert Murison	7
Coping: An Overview - Seymour Levine	15
Coping with Normal and Critical Situations in Off Shore Activity - Einar Thorsrud	27
SECTION II: EXPECTANCIES, GOOD AND BAD	
Positive and Negative Expectancies: The Rat's Reward Environment and Pituitary-Adrenal Activity Gary D. Coover	45
The Effects of Information Load, Emotional Load and Motivational State upon Tonic Physiological Activation - Sven Svebak	61
Intrinsic Motivation as a Primary Source of Happiness: Reflections on the Curvex Structure - Gudrun Eckblad	75
SECTION III: EPIDEMIOLOGY OF COPING AND NON-COPING	
Stress, Education, Occupation and Income: A Survey of the Norwegian Population - Dagmund Svendsen and Leif Edvard Aarø	89
Biopsychosocial Aspects of Accidents - Ulrik Malt	103
Repetitive Work and Wellbeing and Arousal - Tom Cox Michele Thirlaway and Sue Cox	115
Locus of Control and Life at Work - Rolf Svendsrød	137

## Contents

## SECTION IV: COPING WITH EXTREME SITUATIONS

Defensive Reactions in Dangerous Occupations - Ragnar J. Vaernes	149
Mental Load and the Processing of Information in the Underwater Environment - Peter G.A.M. Jorna and G.Mulder	163
How to Meet the Ultimate Stress - Ulla Qvarnstrom	179
SECTION V: PSYCHOSOMATIC PATHOLOGY	
Psychoneuroendocrine Aspects of Mental Work as Related to Type A Behaviour - Ulf Lundberg	193
Cardiovascular Disease and Psychological Defenses: Development of a Working Hypothesis - Ross R.Vickers Jnr.	209
Psychological Pathogenesis of Arterial Hypertension - Stein Knardahl	223
Biological and Psychological Bases of Gastric Ulceration - Robert Murison and Eva Isaksen	239
Sustained Activation and Psychiatric Illness - Gary D.Coover, Holger Ursin and Robert Murison	249
SECTION VI: THERAPY	
How to Control Somatic Complications from Psychological Stress - Susanne Moog Begnum and Odd Harald Zahl Begnum	261
SECTION VII: CONCLUSION	
Sustained Activation and Disease - Holger Ursin, Robert Murison and Stein Knardahl	269
INDEX	279

viii