Foreword

The Symposium on Safety in American Football was held in Phoenix, Arizona on 5–7 Dec. 1994. The sponsor of the event was ASTM Committee F-8 on Sports Equipment and Facilities. The symposium chairman was Earl F. Hoerner, and he also served as editor of this publication.
## Contents

**Overview**—E. F. HOERNER vii

### ANALYZING RISKS

**Barriers to Injury Prevention in Youth Football**—R. GLASSMAN 3

**A Comparison of Injuries That Occur During Collegiate Fall and Spring Football Using the NCAA Injury Surveillance System**—R. W. DICK 9

### ASSESSMENT

**Coaches Safety Orientation and Training Skills Program**—L. LUCENKO 21

**Injury in Youth Football**—B. GOLDBERG 32

**Head Injuries in Sports: Concussion Management in Football**—J. P. KELLY 35

**Catastrophic Football Injuries and Tackling Techniques**—G. A. DRAKE 42

### SCIENCE

**Guidelines for Return to Contact Sports After Transient Quadriplegia**—R. C. CANTU 53

**Enhancing Safety with an Improved Cervical Test Device**—M. KLEINBERGER, R. EPPINGER, M. HAFFNER, AND M. BEEBE 60

**A Proposed Method of Evaluating Neck Protection Equipment**—J. C. OTIS AND A. H. BURSTEIN 75

**Football Helmet Fitting Errors in Wisconsin High School Players**—T. McGUINE AND S. NASS 83

**The Process of Certification of Protective Equipment for Sports**—C. A. MOREHOUSE 89

### MANAGEMENT: FACILITIES

**Football Fields and Facilities: Safety Guideline Concerns**—A. H. MITTELSTAEDT 97

### MANAGEMENT: SURFACES

**Standard Test Methods and Performance Standards for Synthetic Turf Playing Surfaces and Materials**—R. D. BRELAND 103

**The Envelope System—Performance and Experience in the United Kingdom**—D. DURY AND J. S. CRAGGS 114
Actual Field Performance of Synthetic Turf as Measured Over a Thirty Year Period—P. M. GORHAM AND T. A. OROFINO 123


Traction Measurement on Natural Turf—A. S. McNITT, D. V. WADDINGTON, AND R. O. MIDDOUR 145

Enhancing Participant Safety in Natural Turfgrass Surfaces Including Use of Interlocking Mesh Element Matrices—S. I. SIFERS AND J. B. BEARD 156

MANAGEMENT: SYSTEMS

The Football Coach and Football Safety—R. P. BORKOWSKI 167

Football Injuries, Safety Standards, and Insurance Underwriting—K. S. CLARKE 172

American Football in the Courtroom—Legal Liability Associated with the Game—P. M. DAVIS 176

Safety in Football—Risk Avoidance and Risk Management: An Attorney’s Perspective—M. S. GRANGER 184

Indexes 189
Overview

Coaches, administrators, health and medical care providers are increasingly challenged to review and evaluate the risks associated with participating and playing in sports, including leisure time and recreational activities.

THE GAME
—What happens?
—Are there risks?
—Can risks be modified or limited?

To meet such challenges, these professionals must continue to examine, review and understand the scientific factors and infrastructure of the physical activity being studied. This information forms the underpinnings and circumstances of risk assessment, which includes within its discipline Epidemiology, Biomechanics, Ergonomics, Human Factors, Kinesiology, Tissue Tolerance, Environmental Studies, Materials, and Lifestyles. These factors represent but a few of the variables that must be considered in Risk Factor Assessment. The process of Risk Factor Assessment also encompasses the area of Biostatistics, utilizing new mechanistic and data distribution approaches to perform the role of assessment in managing risks, and communicating results to decision and policy makers as well as to the general public.

Focusing both on practical as well as integrated approaches, this Symposium Technical Proceeding is prepared to present some of the complex problems in the sport/athletic activity of American Football.

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