

## ETHICAL AND LEGAL FRONTIERS IN MILD TRAUMATIC BRAIN INJURY: NAVIGATING PATIENT CARE, CONSENT AND LIABILITY

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**Abstract.** *This paper examines the complex ethical dilemmas and legal challenges in the management of mild Traumatic Brain Injuries (mTBIs), focusing on issues of autonomy, beneficence, non-maleficence, justice, liability, compensation, and insurance. Through a comprehensive literature review and analysis, we explore the current medical understanding of mTBIs, including diagnosis, treatment, and prognosis, alongside the ethical considerations critical to patient care. Furthermore, we analyze medicolegal implications, highlighting the gaps and inconsistencies in existing legal frameworks that affect the management and protection of individuals with mTBIs. The paper proposes an integrated approach to address these challenges, emphasizing the need for enhanced clinical guidelines, legal reforms, interdisciplinary collaboration, and increased research funding. Our findings underscore the importance of developing standardized protocols that incorporate ethical principles and legal safeguards, ensuring equitable and effective management of mTBIs. Recommendations for policy and practice reforms are offered to improve patient outcomes and navigate the ethical and legal complexities associated with mTBIs.*

**Keywords:** Mild Traumatic Brain Injury (mTBI), Ethical considerations, Legal challenges, Patient autonomy, Informed consent, Liability and compensation, Interdisciplinary collaboration, Clinical guidelines, Medicolegal implications

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### INTRODUCTION

#### **Background**

Mild Traumatic Brain Injuries (mTBIs), commonly known as concussions, represent a significant portion of brain injuries worldwide, affecting millions annually across various demographics. mTBIs are characterized by a non-penetrative head