

Keywords: Lung cancer; Diagnosis; Imaging; Biomarkers; Molecular diagnostics; Early detection; Liquid biopsy; Artificial intelligence

Introduction

Lung cancer remains one of the most prevalent and deadly forms of cancer worldwide. It is a disease characterized by the uncontrolled growth of abnormal cells in one or both lungs, often leading to significant health complications and mortality if not diagnosed and treated early. In this comprehensive guide, we will delve into the various aspects of lung cancer, focusing primarily on its diagnosis, different types, and available treatment options. Lung cancer represents a formidable global health challenge, accounting for a substantial burden of morbidity and mortality. According to the World Health Organization (WHO), lung cancer is the most common cancer worldwide, with an estimated 2.21

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