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## +Herbal Drugs Used in the Treatment of Cancer

Aditya D. Sathe<sup>1</sup>, Kajol B. Sonawane<sup>2</sup>, Saurabh J. Makhare<sup>3</sup>, Digvijay G. Sathe<sup>4</sup>, Sunil B. Rathod<sup>5</sup>

1,5</sup>Student, Bachelor of Pharmacy

<sup>2</sup>Assistant Professor, Bachelor of Pharmacy

Sahakar Maharshi Kisanrao Varal Patil College of Pharmacy, Nighoj, Maharashtra, India

**Abstract:** Cancer remains one of the leading causes of morbidity and motility worldwide, posing significant challenges of to health care systems despite advanced in convention therapies such as chemotherapy, radio therapy and targeted drugs .how ever ,this treatment are often limited by severe side effects, drug resistance, and high costs, prompting increase interest in herbal drugs complimentary or alternative approaches. Herbal medicines, derive from medicinal plants ,contain diverse bioactive phytochemicals including alkaloids ,flavonoids,terpenoids,and polyphenols,many of which exhibit potent anticancer properties, this compound can modulate multiple molecular targets and pathways, such as apoptosis induction, angiogenesis innovation, oxidative stress reduction, and immune system inhancement. Notable examples include camptotheca acuminata (source of camptothecin), taxes brevifollia( pactaxel) catharanthus roseus (vincristine and vinblastine), curcuma longa (curcumin). Clinical and preclinical studies suggest that this agents may act synergistically with conventional therapies, inproving efficacy while minimizing toxicity, further more, certain herbal drugs possess chemopreventive potial ,reducing the risk of cancer intiation and progression through antioxidant and anti inflamantory mechanisms. despite promising outcomes changelles remain regarding standardization, quality control, dosages optimization ,and herb drug interaction ,which necessitate rigorous scientific validation and regulatory oversight. this review provides and overview of key herbal drugs with demonstrated anticancer potential, discussing their pharmacological mechanism, therapeutic application, current research status. By integrating traditional knowledge with modern phamacological insides, herbal drugs offers promising avenue for the development of novel, effective ,and saferan anticancer therapies

**Keywords**: Herbal medicines, cancer treatment, phytochemicals chemoprevention, supplimentory therapies, drug discovery

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