

## Pattern of Chemotherapy Induced Alopecia

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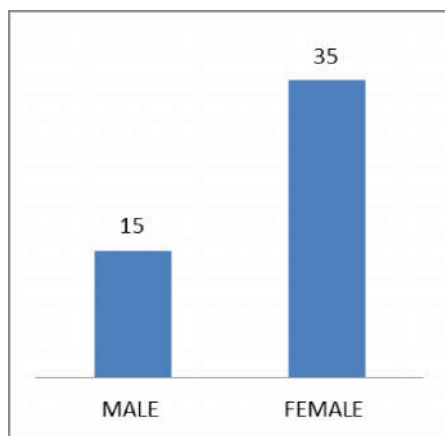
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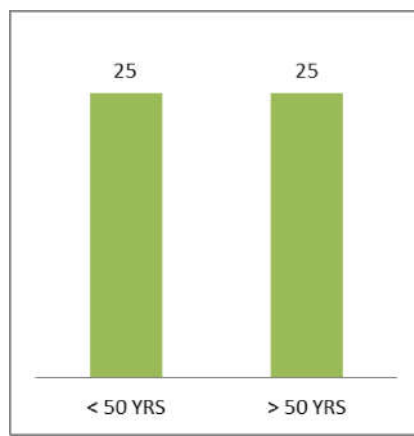
Chemotherapy induced alopecia (hair loss) is a most common unavoidable side effect of chemotherapy drugs. Chemotherapy induced alopecia is also found to be a most psychologically distressing aspect of cancer treatment by most of the patients, thereby, it has great impact on patients' quality of life. The occurrence of alopecia is directly proportional to two factors such as (1) type of drug

used and (2) schedule of administration. Since hair is an integral part of a person's identity, it seems instinctively reasonable to think that hair loss might have negative effects on a variety of aspects of quality of life. Though scalp cooling can be used to reduce and in some extent to prevent the degree of hair loss associated with chemotherapy and is not routinely used in country like India. The present pilot study

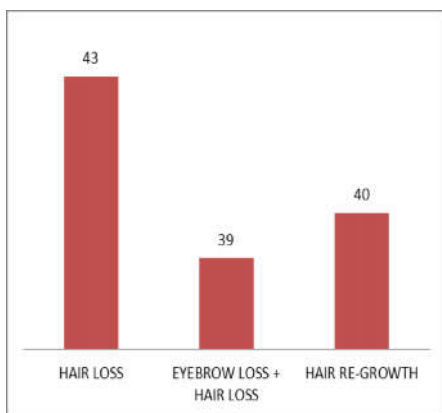
Gender wise distribution



Age wise distribution



Hair and eye brow loss



Hair regrowth observed at

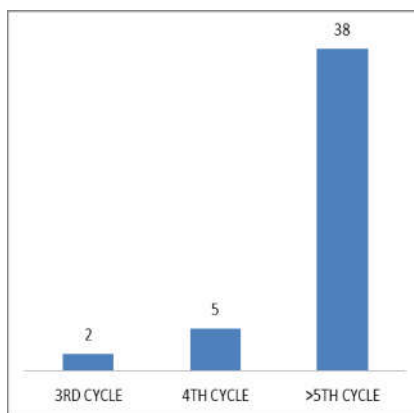
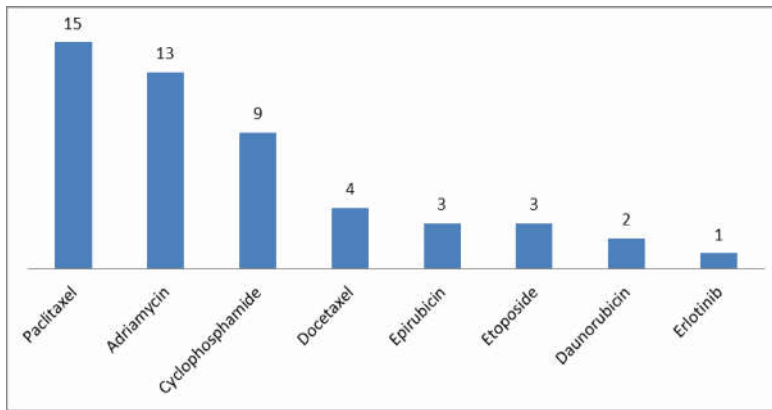


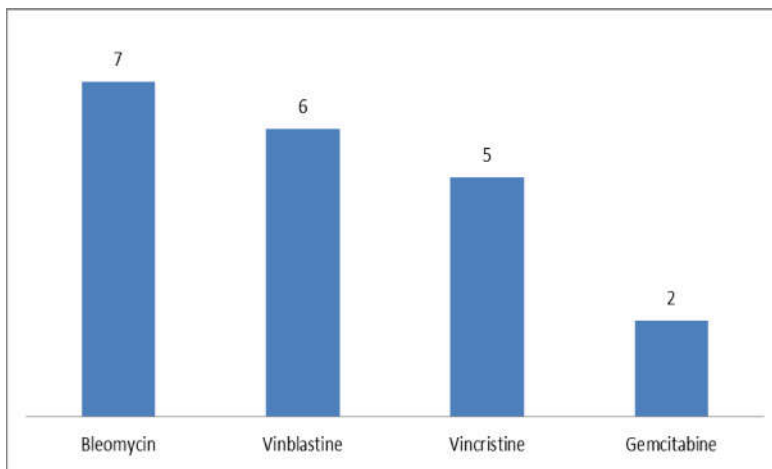
Table 1: Demographic details of patients



Agents which usually cause alopecia



Agents which rarely cause alopecia



**Table 3:** Drugs which cause alopecia

observed the various pattern of chemotherapy induced alopecia in a tertiary care teaching hospital. The study revealed that out of 50 patients undergone various cycle of chemotherapy, 43 patients (86%) suffered from hair loss. Various treatments have shown differing levels of hair loss, eyebrow loss and

hair growth (Table 1-3). 72% of the patients were affected psychologically by chemotherapy induced alopecia. The present study is an evidence based report for CIA and the study conclude that special attention to be paid to improve the cancer patients' psychological problems.

