

An ethnoveterinary survey of medicinal preparations used to treat painful delivery and retention of placenta in domestic cattle in Polasara block, Ganjam district, Odisha, India

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Corresponding author:**Dibakar Mishra****ABSTRACT:**

The present study aims to emphasize the local traditional herbal treatment used for two major gynec problems: painful delivery and retention of placenta in domestic cattle. Data collection was done through individual survey, pre-structured questionnaires, group discussions and field study on ailing animals, their method of treatment by local healers, plants materials collection, methods of drug preparation, dose and modes of drug administration with repetitions in the subsequent periods for verification of accuracy. Altogether 12 plant species belonging to 10 families used in 10 preparations and 14 plants belonging to 13 families used in 12 preparations for treatment of painful delivery and retained of placenta respectively. Mostly single plant preparations are used for treatment. Almost all the plant parts like whole plant, root, rhizome, leaves, flowers, fruit, seeds, seed-oil, bark etc are used in the preparations. Findings are encouraging i.e. percentage of success in treatment is above 90%, elderly people have more knowledge of traditional herbal treatment, and traditional herbal practitioners use single plants or plant parts for drug preparation to treat these ailments.

All these plants of ethnoveterinary importance and herbal preparations need to be popularized for their wide application and acceptance.

Keywords:

Ethnoveterinary treatment, Traditional healers, Medicinal plants, Gynec, Polasara.