

# The effect of *Panchagavya* formulations in the case of CA Rectum

## Case Report

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### Abstract

The faulty lifestyle, polluted environment, increasing use of pesticides, addictions leads to trigger the health issues; the cancer is one of them. Due to disease, one lac people are dying yearly; out of the 10% of the population diseased with colon and rectum cancer. In the present case study, the patient diagnosed with CA Rectum, operated at RST Regional Cancer Centre, Nagpur. APR with positive pelvic exenteration and later advised for Chemo-Radiation therapy. But, the patient herself denied for the chemoradiation and opted for preventive, therapeutic intervention at Go-Vigyan Anusandhan Kendra, Nagpur. Palliative treatment like Kamdhenu *Gomutra Arka*, *Panchagavya Ghrit* and *Kamdhenu Haladi Ghanvatin* was started in 2008. Simultaneously for a short duration, *Bibhitakavleha*, *Panchtikta Ghrit*, and *Kushmandavaleh* was prescribed. Treatment was continued for eight years except for the summer season, as the patient had mild rashes in the hot season. Before discontinuation of the therapy, CT scan chest and abdomen was done at RST Regional Cancer Centre, Nagpur, in August 2016. Not a single abnormality was observed in the scan. In the present case study, it was found that the cow products cumulatively have an effect of anti-oxidant, immunomodulation, and detoxification.

**Key Words:** *Cancer, Gomutra, Panchagavya, Anti-oxidant.*

### Introduction

Cancer is the burning issue in today's era; many people threatened about its vulnerability. Up to 2017, near about 9.6 million people have died from the various forms of cancer (1). The problem is severer in higher-income countries. There is not a perfect remedy for the disease, only early detection is the way of survival. Chemo-radiation therapy has various side effects leading to severe fatigue, hair loss, skin changes, nausea, vomiting, gastric trouble, tenderness, shortness of breath, etc. (2). But world passing by Indian legacy concerning to Kamdhenu i.e., Indian cow. Indian cow product *Panchagavya* has various benefits practical on various human being problems. It acts as anti-oxidant, immunomodulatory, detoxifier, useful in psychosomatic disorders also (3). The present case study is the success story for using Indian cow *Gomutra Ark* and *Panchagavya* products in the case of CA Rectum.

### Patient Information

Thirty-eight years of female patient complaining of pain in the anal region, irregular bowel habit with per rectal bleeding, and severe rectal pain.

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Treated by many general practitioners, but satisfactory relief was not seen in patient condition, and it was referred to a gastroenterologist after thorough investigation patient diagnosed with CA Rectum. For further treatment, the patient was approached to RST Regional Cancer Centre, Nagpur, and operated in 2007, APR with positive pelvic exenteration, and later advised for Chemo-Radiation therapy. The patient refused to Chemo-Radiation therapy and consulted on 8<sup>th</sup> March 2008 to Go-Vigyan Anusandhan Kendra, Nagpur, for further treatment.

### Clinical Findings

On examination, the general condition of the patient was poor, afebrile, conscious, but irritated. Blood pressure 100/60 mm of Hg, severe pallor, weight 52 kg. Bilateral fine crepitus and rhonchi present. Severe pain at right breast near axilla (visual analog scale=10). Previous complaints of patients like irregular bowel habits, per rectal bleeding, and severe rectal pain were lessened but not resolved entirely.

### Diagnostic Assessment

Inflammatory granulation tissue and necrotic tissue feature s/o Adeno Carcinoma was observed in histopathology. On the USG abdomen, heterogeneous mass is seen in the pelvis. In X-ray chest, mediastinal widening plural, traced, lymph nodes were observed in operative notes surgeon recorded recto sigmoidal growth, adhesions to uterus and post vaginal wall, anterior pelvic exenteration with posterior pelvic exenteration.

## Therapeutic Intervention

**Table: 1 Details of preventive palliative therapeutic intervention**

SN	Medicine	Dose	Frequency	After drink	Time specification
1	<i>Kamdhenu Gomutra Arka</i>	15 ml	Twice a day	Warm water	Empty stomach
2	<i>Panchagavya Ghrit</i>	10 ml	Twice a day	Dal water	With meal
3	<i>Kamdhenu Haladi Ghanvati</i>	500 mg	Twice a day	Warm water	After meal
4	<i>Kushmandavleh</i>	5 gm	Twice a day	Milk	After lunch for three months
5	<i>Bibhitakavleh</i>	5 gm	Twice a day	Honey	For one month
6	<i>Panchtikta Ghrit</i>	5 gm	Once a day	Warm water	Empty stomach at morning

## Follow-up and Outcomes

**Table: 2 Before, After and follow-up Haematological-Biochemical investigation**

SN	Investigations	Before treatment	After treatment	Follow-up
		March 2008	August 2016	December 2019
1	Haemoglobin	9.5 gms%	14.0 gms%	13.9 gms%
2	Total RBC	3.80 million/ul	4.50 million/ul	5.30 million/ul
3	Total Leucocytes	10,500 cu/mm	8,500 cu/mm	6,100 cu/mm
4	Platelet count	1,40,000 cu/mm	2,93,000 cu/mm	3,80,000 cu/mm
5	Blood urea	20.00 mg/dl	15.30 mg/dl	18.37 mg/dl
6	Sr. Creatinine	0.97 mg/dl	0.60 mg/dl	0.66 mg/dl
7	Sr. Sodium	154.6 mol/L	141.6 mol/L	137.0 mol/L
8	Sr. Potassium	5.01 mol/L	3.98 mol/L	4.10 mol/L

**Table: 3 Details of assessment of quality of life FACIT version-4**

SN	Quality of life domains	Before Treatment	After Treatment	Follow-up
		March 2008	August 2016	December 2019
1	Emotional well-being	2	22	32
2	Functional well-being	4	25	37
3	Physical well-being	1	25	38
4	Social/Family well-being	8	17	31

The patient continued this treatment for eight years, and before discontinuing the treatment, the patient had advised for CT Chest Abdomen at RST Regional Cancer Centre, Nagpur, in August 2016. In radiological investigations, it was observed that there were no lung lesions, no mediastinal nodes, no abnormality is seen in abdominal organs as well as no inflammatory changes found.

## Discussion

The patient got relief and observed increased confidence in daily routine. It was an enormous response to preventive palliative therapeutic intervention. There was only one limitation to the case report that the patient belongs to *Pitta* dominance *Prakruti* and getting a mild rash on the skin in hot seasons, so for every summer season, treatment was discontinued for one month. *Kamdhenu Gomutra Arka* U.S. Patent (No. 6896907) is the distilled cow urine that possesses anti-cancer properties that protect DNA, repair it rapidly, and have immunomodulatory and anti-oxidant effect (4,5). *Panchagavya Ghrit* is a medicated ghee manufactured with five cow products like cow ghee, cow milk, cow urine, cow dung juice and cow curd, reported anti-oxidant property having free radical effective in degenerative diseases, cancer, liver diseases, etc. It is well hepatoprotective (6,7). *Kamdhenu Haladi Ghanvati* is playing a vital role in boosting immunity and giving shield from frequent illness. It is useful in detoxification of the body (8). The

cumulative effect of all the medicine prescribed to the patient acts as an anti-oxidant, immunomodulatory, detoxifier, having proved anti-cancer activity (3,9).

*Avaleha* is the secondary type of preparation useful for administration for various drugs having better absorption in digestive system (10). The *Bibhitakavaleha- Bibhitaki (Terminalia bellirica Roxb.)* is *Kashaya Rasa, Madhura Vipaka, Ushna Veerya & Laghu, Ruksha Guna* is having the property of pacification of *Kapha* and *Vata* which helps to balance the *Doshas*. Mild laxative property of *Bibhitaki* facilitates *Vataulomana* and normalizes the direction of *Vata* (11). The *Panchtikta Ghrita* pacifying *Vata* reduces the sharp reflexes and nourishes the gastrointestinal tract (12). *Kushmandavleh* pacifies the *Pitta Dosha*, soothes the stomach linings, and controls the gastric secretion. It provides nourishment to the gastric lining, improves appetite, and increases the strength and reduces frailty (13).

## Conclusion

It was concluded that the cow products are cumulatively having an effect of anti-oxidant, immunomodulation, detoxification. *Bibhitakavleha, Panchtikta Ghrit*, and *Kushmandavaleh* also nourishes and stabilized the imbalance *Dosha*. The abnormal finding in the scan normalized with the Ayurveda treatment. There is a necessity to conduct the clinical trial as an adjunct therapy in cancer cases to increase

the living standard of the patient and minimize the side effects of radiation.

### Patient Perspective

The patient is pleased and satisfied with the treatment. She is living her healthy life without any complication, hesitation, and stress.

### Informed Consent

Informed consent of the patient was taken for the publication of the case report.

### Conflict of Interest

No conflict of interest.

### Acknowledgment

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