



Review Article

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A REVIEW ON ANTI-CANCER DRUGS IN SIDDHA LITERATURES

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ABSTRACT

The integration of evidence-based complementary medicines seems to present an effective response to cancer patients. Siddha system of Medicine is a time-honored and one among the other Indian traditional System of Medicine, like Ayurveda and Unani. Siddhars – the immense scientists represented the reality of nature all the way through their spiritual knowledge, detailed experience and dedicated observation thrown light on the disease of new growths/lumps. The rationale of this article is to identify cancer drugs, both internal and external in Siddha literatures as a potential complementary medicine and suggesting it to the integrated approach for the management of cancer. Furthermore, it is written with an intention to raise awareness and promote Siddha medicine for treating cancer.

Keywords: Cancer, Putru, Lump, Siddha, Literature, Integration, Oncology.

INTRODUCTION

Currently various therapies are available for treating cancer, such as Radiotherapy, Chemotherapy, Surgery, Immunomodulation and Phytotherapy¹. Large numbers of cancer patients, being already crippled with this disease and further going through the drug-induced toxic side effects are now turning towards the complementary/alternative medicines with the hope for a better cure and good health or at least palliation. Siddha System of Medicine is a time honored and one among the other Indian traditional System of Medicine, like Ayurveda and Unani². Siddhars, the immense scientists, represented the reality of nature all the way through their spiritual knowledge, detailed experience and dedicated observation thrown light on the disease of new growths/lumps and had explained in different chapters about their aetiology, clinical features, pathology and therapeutic aspects in the technique of condensed poems³. In Siddha system various types of Herbal formulations, Herbomineral formulations and Metallic drug preparations are stated to treat carcinoma⁴. In oncology set-up, complementary therapies are broadly used for building up the wellness, progressing the quality of life and to relieve the disease symptoms and also in tapering the side effects of standard care. The combination of Complementary and Conventional anticancer therapies is commonly referred as “Integrative oncology”. The integration of evidence-based complementary medicines seems to present an effective response to cancer patients. The Integrative approach provides the combine safety and also equity of access in the public healthcare systems⁵. In this review cancer medicine, both internal and external from Siddha literatures have been presented for the healthcare professionals in this field to be informed about the benefits of Siddha medicines in treating Cancer.

Cancer drugs in siddha manuscripts

Agathiyar vaithiya rathina churrukkam – 360

Thamira Parpam (Calcined oxide) and Megathun Ennai (Medicated oil) in Yoni putru (Vaginal/genitalia Cancer) and

Linga putru (Penile Cancer); Chitiramola Nei (Medicated ghee) in Yoni putru (Vaginal/genitalia Cancer) and Mathusmeegi Rasayanam (Dainties) in Linga putru (Penile Cancer).⁶

Agathiyar chendhuram – 300

Muthu Chenduram (Calcined red oxides/sulphides) and Gaantha Chenduram in Yoni putru (Vaginal/genitalia Cancer) and Linga putru (Penile Cancer); Pavala Vanga Chenduram in Linga putru (Penile cancer); Velliya Chendhuram in Kabala putru (Head Cancer) and Soodha Parpam in Linga putru (Penile Cancer).⁷

Agathiyar rana vaithiyam

Kulirintha Pacchai in Parangi putru (Syphilitic cancer), Non healing ulcers; Vengara Podi (powder) in growing ulcers; Vellai seelai (Medicated guaze/plaster) in Vaai putru (Oral Cancer); Singhi Thailam (Medicated oil) in Beeja putru (Testicular Cancer), Linga putru (Penile Cancer); Pacchai Thailam in Putru (Cancer), Non healing ulcers, Putru pavuthiram (Carcinoma associated with fistula-in Ano); Aerukkam Vaer Pughai (fumigation) in Kanna putru (Buccal mucosa Cancer); Rana Pughai in Kanna putru (Buccal mucosa Cancer); Pughai (fumigation) in Kanna putru (Buccal mucosa Cancer), Linga putru (Penile Cancer); Podi (Powder) in Dhurmangisa pun (Morbid growth of flesh with ulcer) and Kalimbu (Ointment) in Perforating ulcers up to bones.⁸

Agathiyar paripooranam – 400

Rasa Parpam in Yoni putru (Vaginal/genitalia Cancer) and Kandamaalai (Cervical adenitis).⁹

Agathiyar vaithiya pillai tamizh

Naaga parpam in thurmanghisam (Morbid growth of flesh); Amuthapallathi Churanam (Medicinal powder) in Vipuruthi katti (Tumor Abscess); Karbha kuzhambhu (Medicated semisolid mixture) in Karba katti (Uterine tumor) and Karba vippuruthi

(Uterine Cancer); Kutta kuli thailam in Arai putru (Groin Cancer) and Ganthaka Rasayanam in Naa putru (Carcinoma in Tongue), Vai Putru (Oral Cancer), Linga putru (Penile Cancer).¹⁰

Agathiyar vaithiya kaaviyam – 1500

Soodha Chendhuram in Karba vippuruthi (uterine Cancer); Gowri Chinthamani Chenduram in Eelai vippuruthi (Breathing difficulty in cancer), Kadi Vippuruthi (Genital Cancer); Sandamaarutha Chenduram in Karuppai vippuruthi (Uterine cancer), vaai vippuruthi (Oral cancer), Kudal vippuruthi (Intestinal cancer); Sivanarayana Chenduram in Karuppai vippuruthi (Uterine cancer), Kallu vippuruthi (Hard cancerous lump); Kalimbu in Putrupun (Malignant wounds).¹¹

Agathiyar kanma kaandam – 300

Rasa Parpam in all types of Cancer; Aviztham for pilavai (Carbuncle), Linga putru (Penile cancer), Yoni putru (Vaginal/genitalia Cancer).¹²

Agathiyar pallu – 200

Thiri (medicated thread) for wound, Linga putru (Penile cancer), Algul putru (female genital cancer); Pughai for putru (cancer), Kuttam (Cutaneous affection), Algul putru (female genital cancer), Linga putru (penile cancer); Mandoora Parpam in

Vippuruthi (cancer); Navachaara Chenduram in Kunmam katti (Internal or Abdominal tumor), Vallai katti (Ovarian tumor), Aambal katti (Hydatid Cyst (Water lily sign) mimicks Intra abdominal tumor); Karuvanga Chenduram in putru (cancer) and Vanga Chenduram in Araipputru (Groin cancer), Linga putru (Penile cancer).¹³

Aathmaratcha amirthamennum vaithiya saara sangeeraham

Chittira vallathi Legiyam (Electuary) in putru (cancer); Vallarai Nei in Yoni putru (Vaginal/genitalia Cancer); Sen kathari Ennai in Thondai (Throat/Thyroid) – Naaku (Tongue) - Vaai (Oral) putru (Cancer); Vippuruthi Ennai in Vippuruthi (Carcinoma); Mega raasanga Ennai in Moola putru (Cancer in the Rectum); Veera Mezhughu (Medicinal wax) in Mega putru (Veneral tumor/Kaposi’s sarcoma); Karanthai Chooranam in Kanna putru (Buccal mucosa Cancer), yoni putru (Vaginal/genitalia Cancer), Pilavai (Carbuncle); Karuvanga Chendhuram in Kanna putru (Buccal mucosa Cancer), yoni putru (Vaginal/genitalia Cancer), Pilavai (Carbuncle); Kaala megha naarayana Chendhuram in Kaana putru (Buccal mucosa Cancer), Vila (Sides of the body)–madu (abscess)– karuppai (Uterus) vippuruthi (Cancer); Pancha paadana Chendhuram in Pilavai (Carbuncle), kanna putru (Buccal mucosa Cancer) and Rasa Parpam in Yoni putru (Vaginal/genitalia Cancer), vippuruthi (Carcinoma).¹⁴

Anuboga vaithiya navaneetham

Table 1: Cancer drugs in anuboga vaithiya navaneetham

Siddha Drug	Indication
PART - 1	
Kukillathi Chooranam Gantha rasa Villai (Tablet)	Algul putru (female genital cancer) Linga (Penile Cancer)– kanna (Buccal mucosa Cancer) - algul putru (female genital cancer)
PART -2	
Karu vanga Chendhuram	Kalutthu rana putru (Cancer wound on neck))
PART- 4	
Linga Chendhuram	Algul putru (female genital cancer)
Sanda maarutha Chendhuram	Putru (Cancer), Linga (Penile) and Anda (Testicular cancer) putru (Cancer), Aaratha viranam (Non healing ulcer)
Poora Kattu (Non combustible form of combustible inorganic)	Yoni putru (Vaginal/genitalia Cancer)
Gorosani Mezhugu	Linga putru (Penile Cancer), Algul putru (female genital cancer)
Vaayu Mathirai (Pills/Tablet)	Linga putru (Penile Cancer), Algul putru (female genital cancer)
Veera Mezhugu	Linga putru (Penile Cancer), Algul putru (female genital cancer)
PART -5	
Neela kanda rasa Pathangam (Sublimates)	Algul putru (female genital cancer)
Uthira rasa Chendhuram	Linga (Penile Cancer)– Algul (female genital cancer) - Thondai putru (Throat/Thyroid Cancer)
Manmatha Chinthamani	Anda putru (Testicular Cancer)
Gowri Chinthamani, Rana Muga Theera Chendhram	Odu (metastasis)- kanda (throat/thyroid) - Kuri (genital) vippuruthi (Cancer)
Sarvanoi hara sandamaarutha Chendhuram	Karuppai (Uterus)– kaal (Foot)– madi (abscess) - kudal (Intestinal) vippuruthi (Cancer)
Vithu rasa Mezhugu	Yoni putru (Vaginal/genitalia Cancer), Linga putru (Penile Cancer)
Rathinaakara rasa Mezhugu	Linga putru (Penile Cancer), Algul putru (female genital cancer)
PART – 6	
Gandhaka poora Parpam	Linga putru (Penile Cancer), Yoni putru (Vaginal/genitalia Cancer)
Gandhaka Chendhuram	Algul putru (female genital cancer), Karuppai viranam (Uterine Ulcer)
Gandhaka Mezhugu	Linga putru (Penile Cancer), Yoni putru (Vaginal/genitalia Cancer)
Gandhaka Chooranam	Linga putru (Penile Cancer), Algul putru (female genital cancer), Maar- silanthi (Cancer of the Breast-Adenoma)
Gandhaka Rasayanam	Naa putru (Tongue Cancer), Vaai putru (Oral Cancer), Linga putru (Penile Cancer)
PART – 7	
Kanaha linga Mezhugu	Pilavai (Carbuncle)
Pancha paadana Chendhuram	Kannam (Buccal mucosa), yoni (Vaginal/genitalia Cancer), anda (Testicular Cancer) putruhal (Cancer)
Paadana Kulaanthagan	Vippuruthi (Carcinoma)
Pancha bootha Chendhuram	Kanna putru (Buccal mucosa Cancer)

Pusanda ramapana Maathirai	Lingam (Penile Cancer), Alkul (female genital cancer), Andam (Scrotal Cancer), Kannam (Buccal mucosaCancer), Eeral (Liver Cancer), Idi (Cancer with piercing pain), Kuli (deep sore/ulcer with cavity)
Guru sanjeevi Mezhugu	Soolai putru (Pain in Cancer)
Rasa vanga Pughai	Putru (Cancer)
Neelakanda Vaalai	Linga putru (Penile Cancer), Algul putru (female genital cancer)
Guru Pathangam	Algul putru (female genital cancer), Kanna putru (Buccal mucosa Cancer)
Linga Pathangam	Kannam (Buccal mucosaCancer), Naakku (Tongue Cancer), Chevi (Ear Cancer), Yoni (Vaginal/ genitalia Cancer), Linga putruhal (Penile Cancer)
PART – 8	
Kukkil Nei	Vippuruthi (Cancer)
Paal Vallathi	Linga putru (Penile Cancer)
Idi Vallathi	Linga putru (Penile Cancer), Algul putru (female genital cancer)
Neeradi muthu Vallathi	Linga putru (Penile Cancer), Algul putru (female genital cancer)
PART – 9	
Narasima Ilaham (Electuary)	Linga putru (Penile Cancer), Algul putru (female genital cancer)
PART – 10	
Chithamani Ennai	Vippuruthi (Carcinoma)
MalatEnnai	Anda vippuruthi (Testicular Cancer)
Putru Pathangam	Algu (female genital cancer), Kannam (Buccal Mucosa Cancer), Kaal (tumors of the leg), Vaai (Oral Cancer), Maarbu putruhal (Breast Cancer)
Thaengaai Nei	Kanna kaalaan (Buccal mucosa - Spongy excrescence as proud flesh formed in wounds), Kanna putru (Buccal mucosa Cancer)
Rana poochu Thylam	Vippuruthi (Carcinoma), Purai pun (Sore with sinus)
Usidham	Putru (Cancer) ¹⁵

Boghar 700

Rasa Parpam in Putru noi (Cancer), Kuli valai (Perforating Abscess); Karanthai Legiyam in Megha Pilavai (Venereal Ulcer), Yoni (Vaginal/ genitalia Cancer), Linga putru (Penile Cancer); Pancha padana Chendhuram in Pilavai putru (Carbuncle), Kanna putru (Buccal mucosa cancer); Kiranthi Ennai in Putru (Cancer), kanna putru (Buccal mucosa Cancer); Vajiravalli Churanam in Putru (Cancer); Sootha Vennai in Kanna putru (Buccal Mucosa Cancer), Yoni putru (Vaginal/ genitalia Cancer);Vaalai Rasam in Pilavai putru (Carbuncle).¹⁶

Kannusamy paramparai vaithiyam

Narayana Chendhuram in Putru (Cancer); Karuvanga Parpam and Amirtha nanthi Mezhughu in Yoni putru (Vaginal/ genitalia Cancer), linga putru (Penile Cancer)¹⁷

Kannusamy ennum vaithiya segaram

Kalamegha Narayana Chendhuram and Kukil Vallathi Leghiyam in Putru (Cancer).¹⁸

Koshayee anubogha vaidhya bramma ragasiyam

Ramabana idi Marunthu in Vedippu (fissure), Kulai (viscera-stomach/liver/spleen/intestine), Keral (scratch/tearing), Veena Thandin Vidaneerputru (Carcinomatosis in the spinal fluid - metastasis); Chitiramoolai Ennai in Linga putru (Penile Cancer); Saramari kuli Thailam in Algul (female genital cancer), Anda (Scrotal Cancer), Nakkuputru (Carcinoma of Tongue), Thodai Valai (Hidradenitis Suppurative – deep abscessof the thigh, then gets ripened and give rise to suppuration); Rasagandhi Mezhughu in Kuri (Genital Cancer) – Yoni (Vaginal/ genitalia Cancer) - Kanna (Buccal mucosa Cancer), Idi putru (Cancer with piercing pain); Maha kodusuli Mathirai in Patha putru (Cancer foot), Patha chakkaram (Venereal ulcer affecting the foot); Thanvanthiriyar Sanda Marutha Chendhuram in Yoni putru (Vaginal/ genitalia Cancer); Vallarai Kirutham (Medicated ghee) in Yoni putru (Vaginal/ genitalia Cancer); Rasa Parpam and Gandhaka Parpam in Kamalai vipuruthi (Cancer with Jaundice), Yoni putru (Vaginal/ genitalia Cancer).^{19,20}

Maccha muni nayanar thirumandhiram – 800

Kaar vanga Chunnam in Kai putru (tumors of the hand), Kaal putru (tumors of the leg).²¹

Pathartha gunavilakkam (Thathu jeeva varkkam)

Kirubakara shanmuga Chendhuram in Karbha vippuruthi (Uterine Cancer), Vila vippuruthi (Cancer on the sides of the body); Mandoora Mathirai in Vayirril katti (Adbominal Cyst); Karuvanga Chendhuram and Pancha paadana Chendhuram in Putru (Cancer).²²

Rama devar ennum yakoppu vaithiya chinthamani – 700

Vanga Chendhuram in Linga putru (Penile Cancer); Seenthil Ennai in Kiranthi pungal (Venereal Ulcer), non-healing ulcers; Saenkottai Thailam and Veera Rasa Padhangam in Putru pungal (Cancer wounds); Soodha Padhangam in Kanna putru (Buccal mucosa Cancer); Kamalaikku Ennai (poem 598) in Vippuruthi Kattigal (Cyst in tumor), Paathaputru (Cancer foot), Kannaputru (Buccal mucosa Cancer), Araiappu (Venereal bubo/Inguinal bubo) and Perungaaya ennai in Yoni putru (Buccal mucosa Cancer).²³

Sikicha rathina deepam ennum vaithiya nool

Visha Raajanga Thailam in Vippuruthi, putru (Cancer); Swarna pushpa rasa Chendhuram in Linga (Penile), yoni (Vaginal/ genitalia Cancer), kanna putrugal (Buccal mucosa Cancer); Vippuruthi Ennai in Vippuruthi (Cancer); Maeganaathi Ennai in putrugal (Cancer); Vallarai Kirutham in Yoni putru (Vaginal/ genitalia Cancer); Pancha paadana Chendhuram and Rasa ganthi Mezhugu 1,2,3 in Putru (Cancer); Vaalai rasa Mezhugu in Putru (Cancer), purai kulal (Tumor or cyst/morbid enlargement of the thyroid gland in front of the neck –toxic nodular goitre).^{24,25}

Veera maamunivar vaagada thirattu

Siddhar Kuligai in Lingam (Penile)– Yoniputrugal (Vaginal/ genitalia Cancer), Vippuruthi (Cancer); Gorosanai Mezhugu in Yoni putru (Vaginal/ genitalia Cancer), Linga putru (Penile Cancer); Palaanda Kalimbu in Putru ranangal (Cancer wounds); Naaga Chendhuram in Mulai putru (Mammary Carcinoma);

Gandhaga Thylam in Kannam (Buccal mucosa Cancer), Lingam (Penile Cancer), Yoni puttrugal (Vaginal/ genitalia Cancer); Soolai Kudori in Yoni puttru (Vaginal/ genitalia Cancer); Gaantha Rasa villai in Yoni (Vaginal/ genitalia Cancer)– Lingam (Penile Cancer) - Kanna puttrugal (Buccal mucosa Cancer); Maeghanaathi Thailam in Kanna puttru (Buccal mucosa Cancer), Linga puttru (Penile Cancer) and Chanthuru sankara Ennai in Kanna (Buccal mucosa Cancer), Yoni (Vaginal/ genitalia Cancer), Linga puttrugal (Penile Cancer).^{26,27}

Yakoppu vaithiya vaatha soothiram – 400

Kaariya Parpam in Vippuruthi (Cancer), Araiappu (Venereal bubo/Inguinal bubo) and Sembu thotti Parpam in Eeral puttru (Liver Cancer), Sathai valarchi (Morbid growth of the flesh).²⁸

CONCLUSION

This article had identified cancer drugs in Siddha literatures as a potential complementary medicine and suggesting it in the integrated approach to the management of cancer. Furthermore, it is written with an intention to raise awareness and promote Siddha medicine for treating cancer. The cancer medicines mentioned in Siddha literature should be subjected to scientific studies and there upon should be focused for the improvement of health in cancer populations.

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