

1496 CANCER SUPPORT CLINIC USING KAMPO MEDICINE

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Introduction

Patients with cancer experience coldness, sarcopenia, frailty, and decrease in biodefense during cancer chemotherapy. Kampo, a traditional Japanese medicine, has been applied to cancer supportive care using high-quality pharmaceutical products which are covered by universal national health insurance in Japan. Evidence is accumulating in terms of the efficacy and safety of Kampo, especially for refractory symptoms such as general malaise, anorexia, and peripheral neuropathy (PN). This report discusses the application of Kampo in a cancer support clinic in Japan.

Patients

Patients with various kinds of cancer (solid tumors) were introduced to this clinic due to side effects of anti-cancer agents and so on. Most patients were actively treated with standard of care by organ-specific experts. Information on Kampo products can be obtained on the website of STORK (<http://mpdb.nibiohn.go.jp/stork/>).

Results

From December 2021 to December 2023, a total of 23 patients were analyzed. The median age was 68 (range: 48–85) years and 13 (56.5%) were women. The most frequent symptom was chemotherapy-induced PN. Goshajinkigan (TJ-107) was used for paclitaxel-induced PN, and ninjin'yoeito (TJ-108) was used for oxaliplatin-induced PN. Other symptoms (and Kampo prescription) included niraparib-induced nausea & vomiting in a patient with recurrent ovarian cancer (heisan, TJ-79), multiple pain (not due to metastasis) in a postoperative patient with breast cancer (goshakusan, TJ-63), and oral mucositis in a patient with recurrent non-small cell lung cancer (hangeshashinto, TJ-14). In some patients, a single Kampo prescription effectively ameliorated multiple symptoms, indicating a potential polypharmacy solution.

Conclusions

Kampo medicines, high-quality pharmaceutical products, have been well applied in cancer support clinic in Japan.

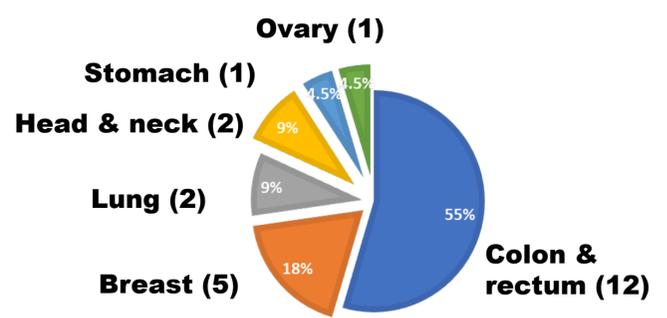


Fig. 1 The number of patients with each cancer site

How to take a package of Kampo extract easily: "water-oblate method"

We can take it just in one sip!

Photo by Yoshiharu Motoo

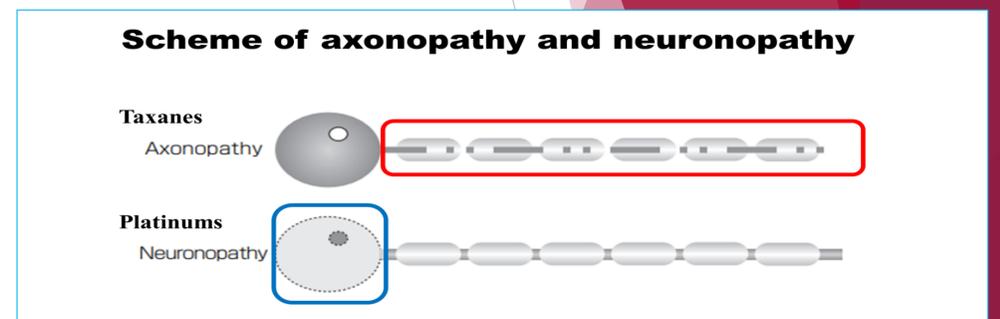
STORK
(Standards of Reporting Kampo Products)

Motoo Y, Hakamatsuka T, Kawahara N, Arai I, Tsutani K. Standards of Reporting Kampo Products (STORK) in research articles. *J Integr Med.* 2017 May;15(3):182-185.

Kampo for the Completion of Standard of Care

Motoo Y. Roles of Kampo Medicine in Modern Cancer Therapy: Towards Completion of Standard Treatment. *Journal of Nippon Medical School* 2022 May; 89(2): 139-144.

Motoo Y, Cameron S. Kampo medicines for supportive care of patients with cancer: A brief review. *Integrative Medicine Research* 2022 Jun; 11(2):100839.

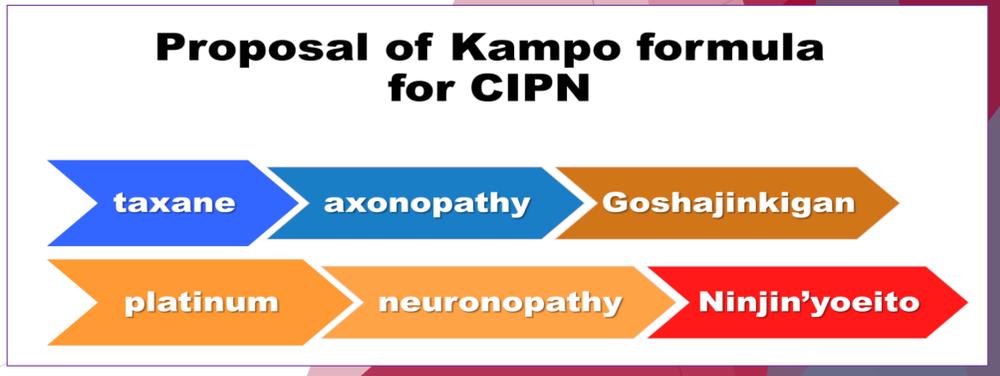
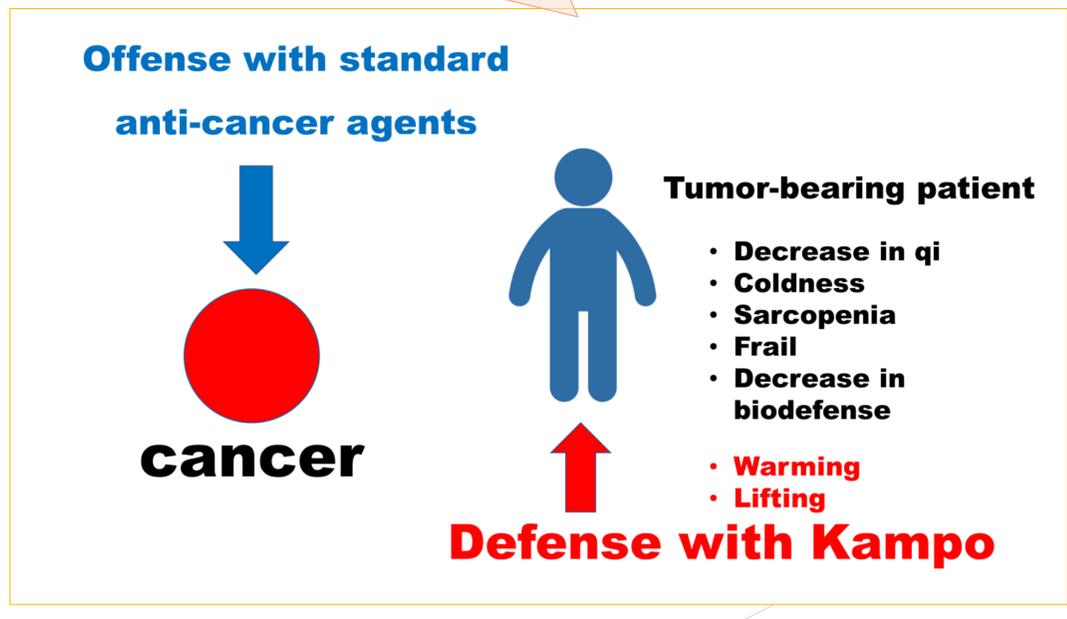


You will find 148 Kampo formulae which are covered by national health insurance in alphabetical order.

Table of the Links of Kampo Product informations in Japanese Pharmacopoeia (JP) and/or Package Insert

Japanese Pharmacopoeia (JP) Package insert Nov 2020

| No. | Name in Roman Alphabet | Name in Han Character | Japanese Pharmacopoeia (JP) | | | Package insert (*) | Info (2) |
|-----|--------------------------|-----------------------|-----------------------------|----------------|------------------------|--------------------|----------|
| | | | current version | JP XVII (2016) | JP XVII Suppl I (2017) | | |
| 1 | anchusan | 安中散 | | | | Q Ie Is | ✓ |
| 2 | bakumondoto | 麦門冬湯 | ✓ | ✓ | | JO Ie Is | ✓ |
| 3 | bofutsushosan | 防風通聖散 | ✓ | | ✓ | Q San Ie Is | ✓ |
| 4 | boiogito | 防己黃耆湯 | ✓ | ✓ | ✓ | JO Q Ie Is | ✓ |
| 5 | bukuryoin | 茯苓飲 | | | | Is | ✓ |
| 6 | bukuryoingohangekobokuto | 茯苓飲合半夏厚朴湯 | | | | Is | ✓ |
| 7 | bushirichuto | 附子理中湯 | | | | San | ✓ |
| 8 | byakkokaninjinto | 白虎加人參湯 | | | | Ie Is | ✓ |
| 9 | chikujountanto | 竹茹溫胆湯 | | | | Is | ✓ |
| 10 | choijokito | 調胃承氣湯 | | | | Is | ✓ |
| 11 | choreito | 猪苓湯 | | | | Q San Ie Is | ✓ |
| 12 | choreitogoshimotsuto | 猪苓湯合四物湯 | | | | Is | ✓ |
| 13 | chotosan | 芍藥散 | ✓ | ✓ | | Is | ✓ |
| 14 | choyoto | 薯蕷湯 | | | | Is | ✓ |
| 15 | daibofuto | 大防風湯 | | | | San Is | ✓ |
| 16 | daijokito | 大承氣湯 | | | | Is | ✓ |
| 17 | daikenchuto | 大建中湯 | ✓ | ✓ | | Is | ✓ |
| 18 | daiobotampito | 大黃牡丹皮湯 | | | | Ie Is | ✓ |
| 19 | daiokanzoto | 大黃甘草湯 | ✓ | ✓ | | Q Is | ✓ |
| 20 | daisaikoto | 大柴胡湯 | ✓ | ✓ | | JO Q San Ie Is | ✓ |



Motoo Y, et al. Prophylactic efficacy of ninjin'yoeito for oxaliplatin-induced cumulative peripheral neuropathy in patients with colorectal cancer receiving postoperative adjuvant chemotherapy: a randomized, open-label, phase 2 trial (HOPE-2). *Int J Clin Oncol.* 2020 Jun;25(6):1123-1129. PMID: 32232692