Digital Tools for Cancer Control Equity in China: Cancer Research and Advocacy Network

Duke BASS
CONNECTIONS

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Bass Connections in Global Health

Introduction

CRAN (China Cancer Research and Advocacy Network) is committed to promoting cancer equity in China, providing a platform for Chinese cancer patients, medical staff, care organizations and policy makers to seek help and share resources. We hope that through our efforts, we can help more patients suffering from cancer and contribute to China's cancer prevention and control efforts. Our main tasks include:

- Promoting Cancer Equity in China
- Provide accurate and correct cancer control information to the public
- Raising Cancer Awareness Through Academic Research
- Gain first-hand information about cancer through interviews and field trips
- Analyzing the current state of cancer control through systematic reviews





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Resources for Healthcare Professional

At CRAN, we also offer tools and resources for healthcare professionals in China to improve cancer care delivery and patient outcomes. These include training modules on cancer diagnosis and treatment, clinical guidelines for cancer management, and research reports on the latest developments in cancer care. For instance, we provided the newest research about cancer patients and caretaker needs based on our research in our "For Care Provider" section. By providing healthcare professionals with the tools and resources they need, we aim to improve the quality of cancer care in China and ensure that patients receive the best possible treatment.

有关中国癌症患者和护理人员需求方面的研究:

请点击下方的研究标题通过pubmed数据库浏览相关研究

- 1. 晚期癌症患者及其非正式护理人员未满足的护理需求:系统回顾 (https://pubmed.ncbi.nlm.nih.gov/30037346/)
- 2. 中国乳腺癌住院患者可靠有效的患者需求问卷的开发和测试 (https://pubmed.ncbi.nlm.nih.gov/27891441/)
- 3. 癌症患者在医患沟通中对美德的需求和医生的特点:对患者代表的调查 (https://pubmed.ncbi.nlm.nih.gov/30523413/)
- 4. 胸部肿瘤患者及其家属、医生和护士对肿瘤营养风险的认识差异 (https://pubmed.ncbi.nlm.nih.gov/32748290/)
- 5. 中国癌症患者生存者未满足需求调查简表的文化适应性和验证 (https://pubmed.ncbi.nlm.nih.gov/34482653/)
- 6. 未满足的支持性护理需求及相关因素: 对中国癌症幸存者的横断面调
- 查 (https://pubmed.ncbi.nlm.nih.gov/32406045/)

Resources for Cancer Patients, Caretakers, Policy Makers, and Researchers



CRAN offers a variety of resources and information for cancer patients, including information on cancer treatment, survivorship, and support programs. This interactive map allows users to view policies at the national and provincial levels and provides detailed information about the policies, including their focus, target population, and implementation status. The purpose of the map is to help users better understand the policy landscape for cancer care in China and identify areas where policy action is needed to promote cancer equity. By providing users with a comprehensive overview of cancer-related policies in China, the map can also help researchers, advocates, and policymakers identify gaps in the policy landscape and develop targeted interventions to improve cancer care delivery and patient outcomes.

Collaborative network



We provide a collaborative network for cancer researchers, advocates, and healthcare professionals to exchange ideas and work towards advancing cancer equity in China. Through the network, members can share research findings, discuss best practices, and collaborate on advocacy and policy initiatives though our weekly highlight forum. By bringing together stakeholders from across the cancer care continuum, the website aims to foster collaboration and promote innovative approaches to improving cancer care in China.

Within the "Learn together section", cancer patients can access a variety of educational resources about cancer basics and understand the distribution of different symptoms among the other patients. In "Patient Like Me" forum, cancer patients can connect with other stakeholders in the cancer care community. They can join discussion forums, participate in webinars, and access a range of other interactive features to engage with other users and share their experiences and knowledge. By fostering collaboration and knowledge-sharing, the section can help to improve cancer care delivery and patient outcomes in China.



Advocacy and Policy Initiatives

CRAN features advocacy and policy initiatives aimed at promoting cancer equity in China. These initiatives include research on the social determinants of cancer, policy briefs, and public health campaigns. Under our "For policy maker" and "For researchers" section, we provided resources includes cancer policy documents at different organization level, China cancer statistical yearbooks, and other cancer related social documents.

癌症防治相关政策资料

- ▶ 中国卫健委相关资料
- ▶ 中央癌症防治相关政策资料
- ▶ 按省份浏览癌症防治相关政策资料

中国癌症研究数据库:



Future Works

Following are some future work directions:

- 1. Expand the policy map: Introducing more detailed filter on our policy document database so the users can also filter the policies by category, such as prevention, screening, diagnosis, treatment, and survivorship.
- 2. Increase the interactivity and responsiveness of our website: more interactive features will be developed, and features that meet users' needs will be added to the website.
- 3. Increase outreach and engagement: While the website provides a wealth of resources and information, it is important to ensure that these resources reach a wide audience. Future work could involve developing targeted outreach and engagement strategies to reach underserved populations, such as rural communities or marginalized groups.
- 4. Foster collaborations with international organizations: CRAN currently provides a collaborative network for cancer stakeholders in China. Collaborating with other organizations can help to broaden the impact of the website and promote knowledge-sharing across different regions and sectors.