

**Clinical Practice Guideline of
Breast Cancer in Asia:**

Thailand's Experiences and Perspective

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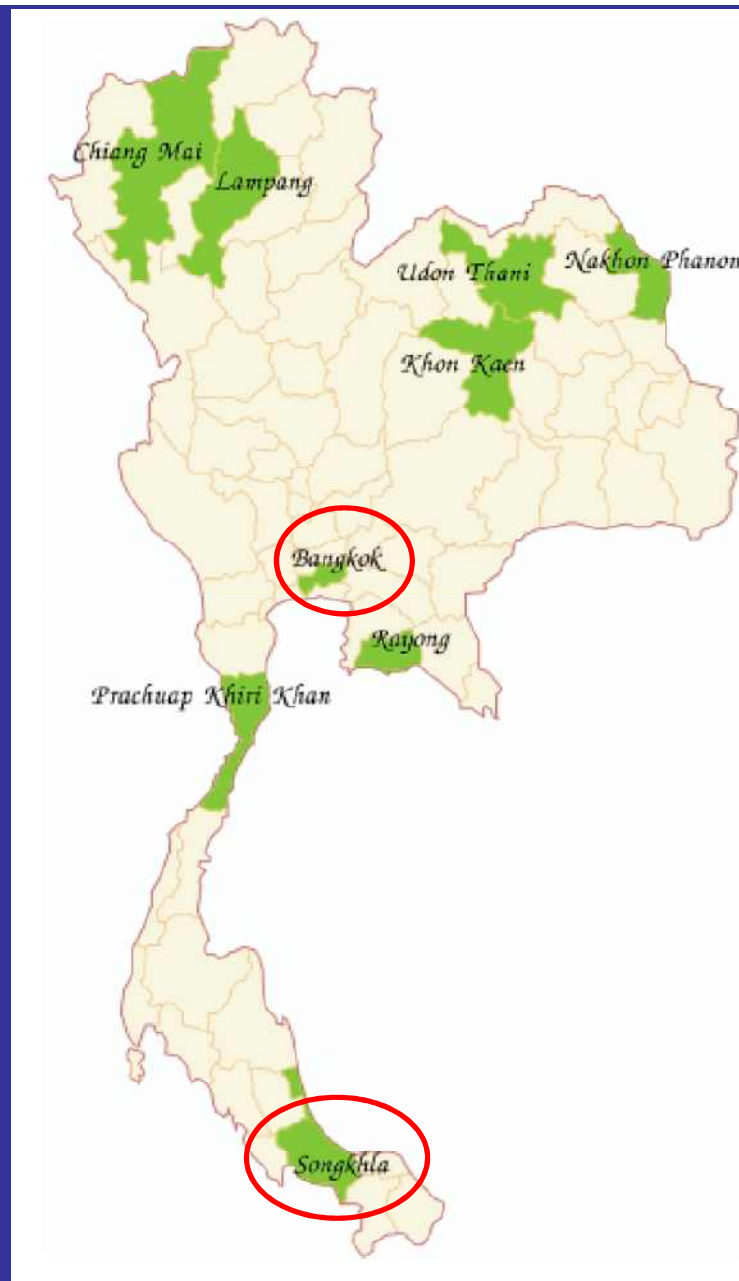
Overview

- **Background of breast cancer in Thailand**
- **Journey of Breast Cancer CPG development in Thailand**
- **Goals to achieve for Thai Breast Cancer CPG**

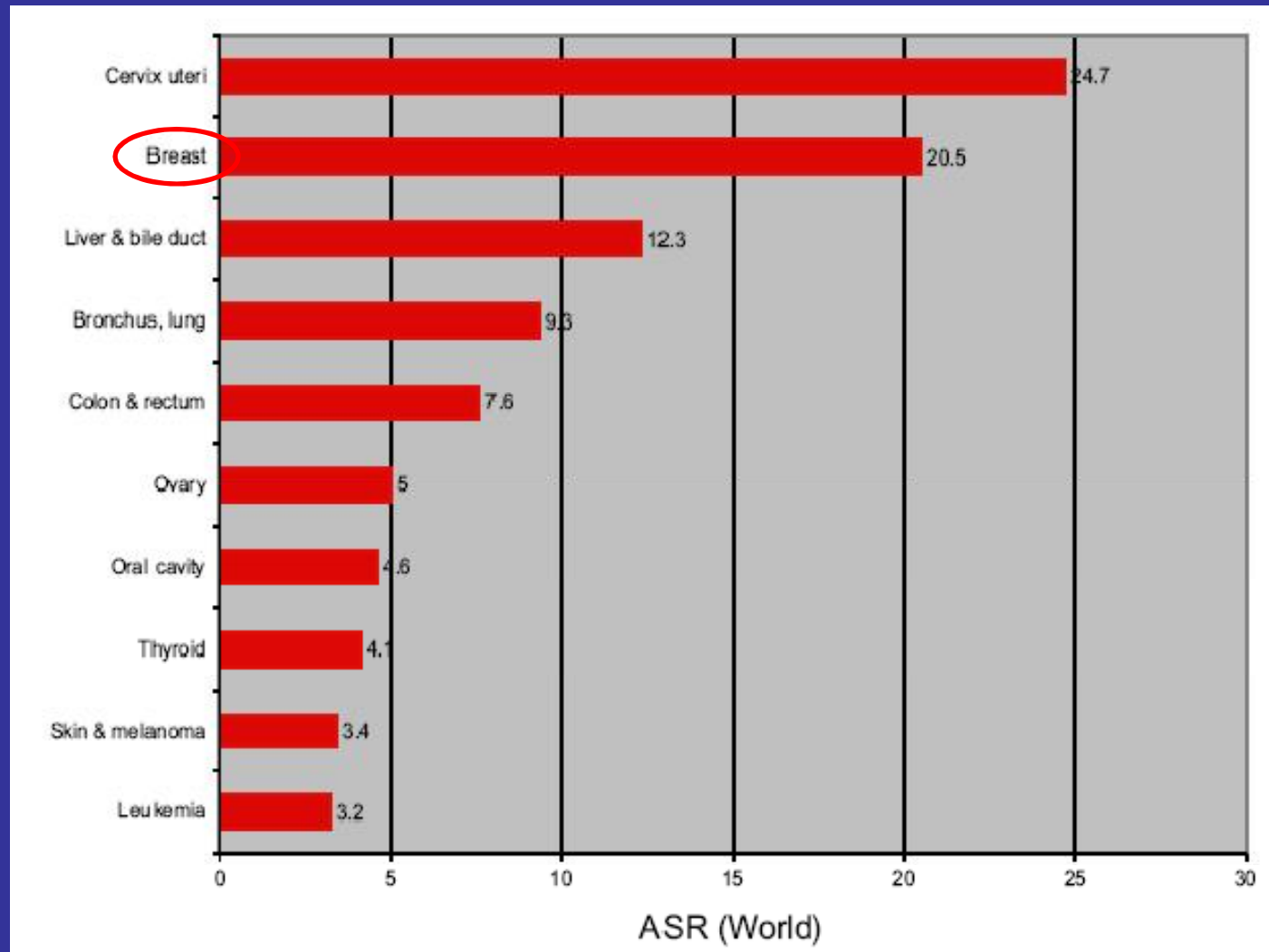
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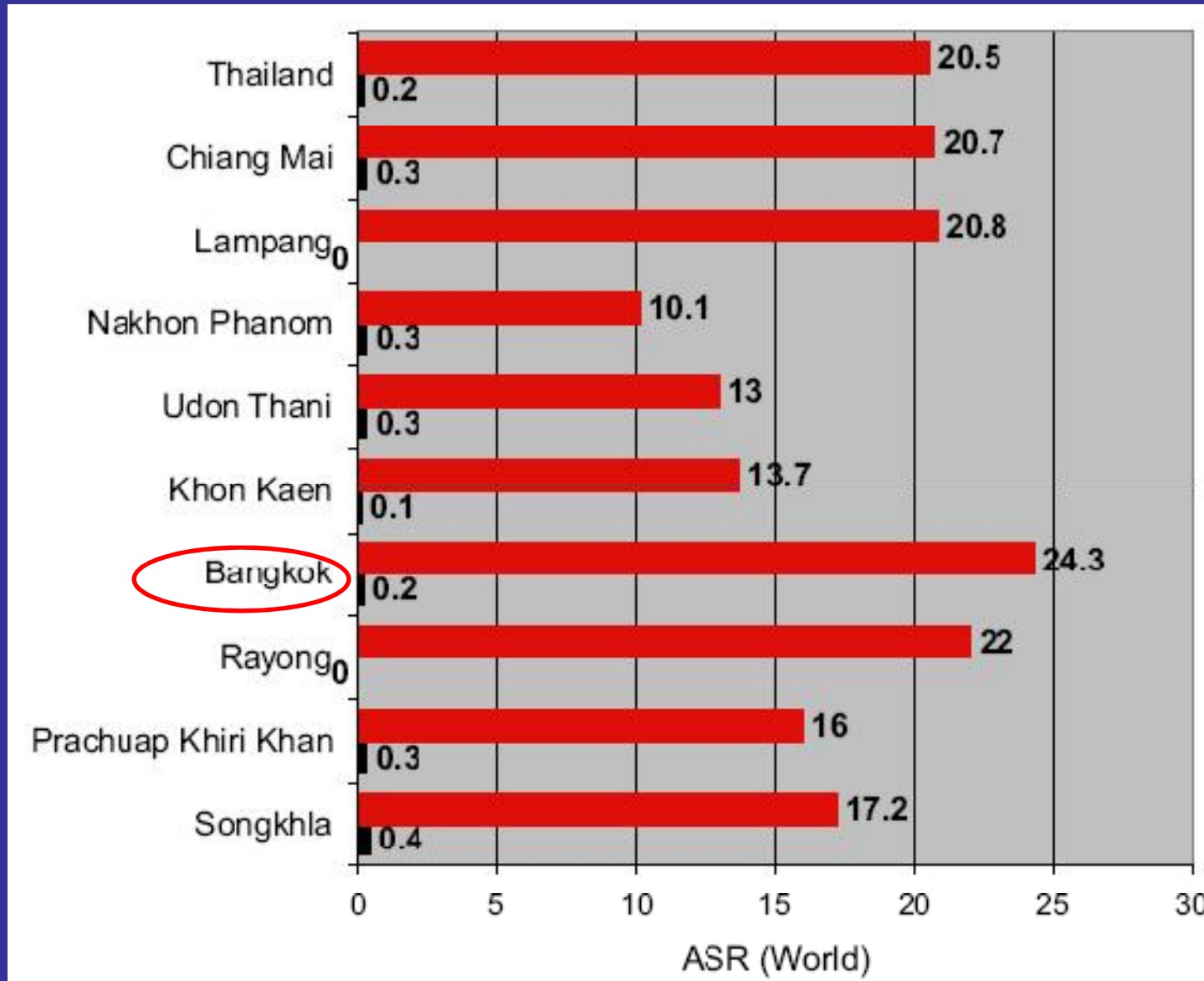
Thailand : regions and areas covered by the cancer registries



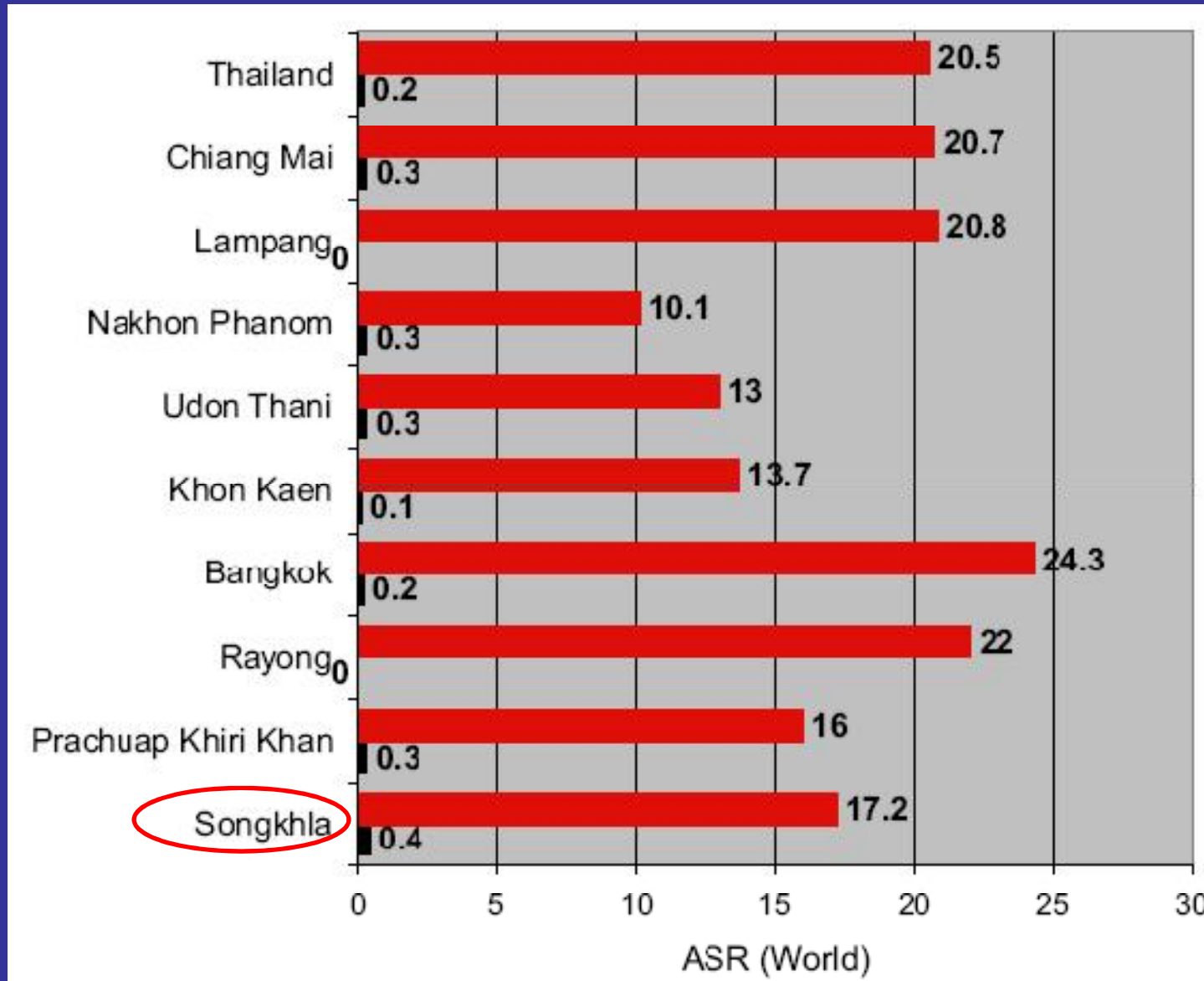
Leading cancer in Thai Women



Breast cancer in different regions in Thailand



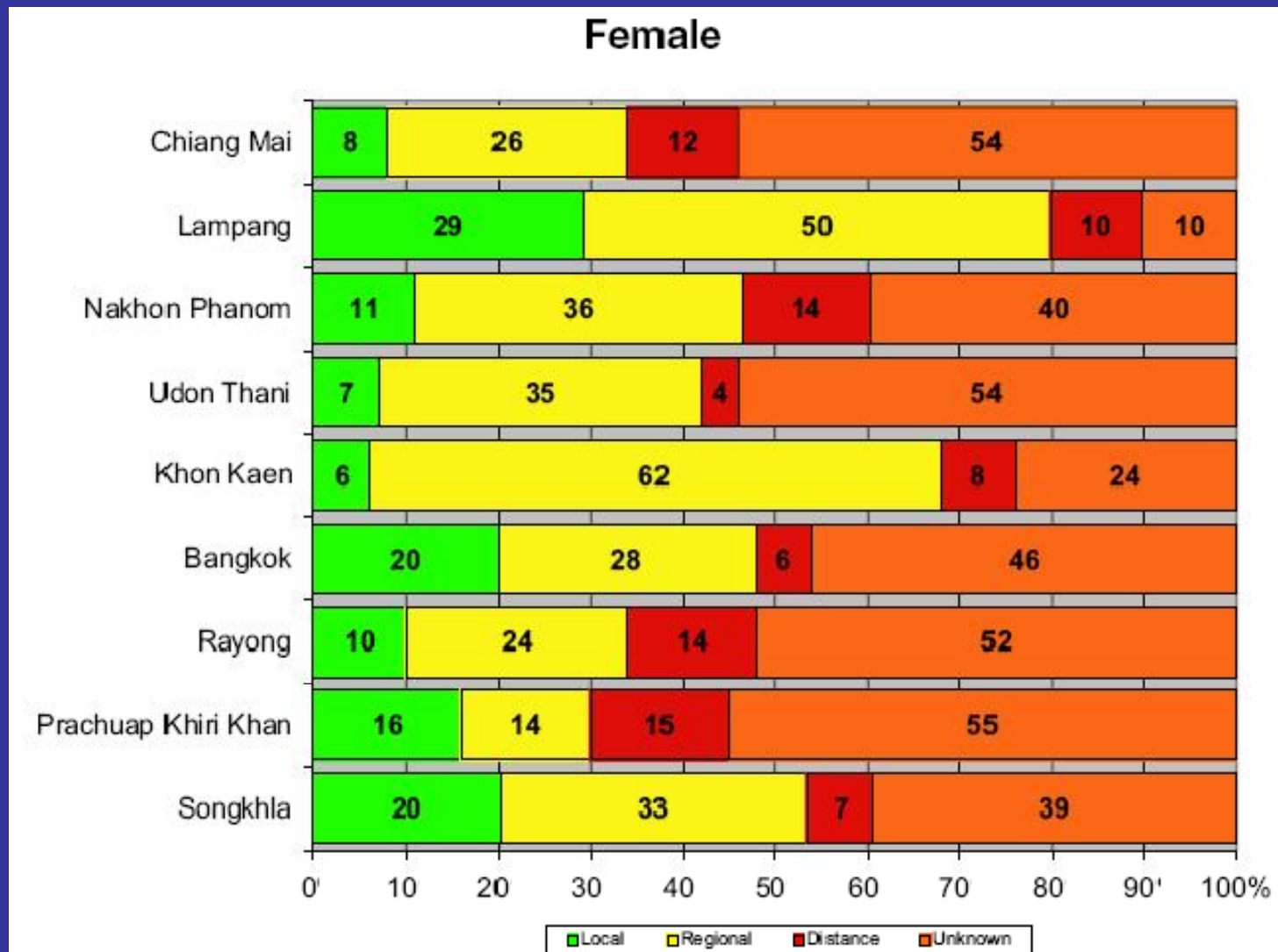
Breast cancer in different regions in Thailand



Breast cancer in Thailand

- Second most common cancer in Thai women.
- Estimated incidence rate: 20.5 per 100,000 women
- Age-specific incidence: maximum in 45 year of age
- Most common histology: invasive ductal carcinoma

Stage distribution of breast cancer in Thailand



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Major steps of quality clinical practice guideline

- Development
- Implementation
- Utilization

Journey of Breast Cancer CPG development in Thailand

Aug 2003



**CPG for medical
therapy of breast
cancer (TSCO)**

CPG of medical therapy for breast cancer

(August 2003)



- Adjuvant systemic therapy
- Systemic therapy for metastatic disease

Journey of Breast Cancer CPG development in Thailand



CPG for breast cancer treatment (NHSSO)



Aug 2003



June 2006



CPG for medical therapy of breast cancer (TSCO)

CPG for treatment of breast cancer patients

(June 2006)

- Diagnosis
- Surgery
- Radiotherapy
- Adjuvant systemic therapy
- Systemic therapy for metastatic disease



Journey of Breast Cancer CPG development in Thailand



CPG for breast cancer treatment (NHSO)

CPG for diagnosis and treatment of breast cancer (NCI, Thailand)

Aug 2003

June 2006

June 2007



CPG for medical therapy of breast cancer (TSCO)

Professional Organizations involving breast cancer CPG development (NCI's version 2007)



- **National Cancer Institute**
- **Royal College of Surgeons of Thailand**
- **Royal College of Radiologists of Thailand**
- **Thai Society of Therapeutic Radiology and Oncology**
- **Thai Society of Clinical Oncology**
- **Royal College of Pathologists of Thailand**

www.nci.go.th

Contributors for breast cancer CPG development (NCI's version 2007)

- **Steering committee**
- **Peer Reviewers**
- **Experts in Surgery**
- **Experts in Radiologic Diagnosis**
- **Experts in Radiotherapy**
- **Experts in Chemotherapy**
- **Experts in Pathology**

5 steps of breast cancer CPG development (NCI's version 2007)

- Organizing steering committee (proposing expert panelists)
- Meetings / working among experts
- Organizing data / information to a draft version of CPG
- Peer reviews
- Revision to final version of CPG then distribution

Details of breast cancer CPG (NCI's version 2007)

- Screening (Radiologists)
- Mammography (Radiologists)
- Surgery (Surgeons)
- Radiotherapy (Radiation oncologists)
- Adjuvant systemic therapy (medical oncologists)
- Pathology guideline (Pathologists)
- Chemotherapy
- Surveillance

Journey of Breast Cancer CPG development in Thailand



CPG for breast cancer treatment (NHSO)

CPG for diagnosis and treatment of breast cancer (NCI, Thailand)

Aug 2003

Oct 2009

June 2006

June 2007



CPG for medical therapy of breast cancer (TSCO)



Guidelines for reimbursement policy of breast cancer (UC, NHSO)

Healthcare System in Thailand

Healthcare System	Populations (millions)	Ratio (%)	Value Million Thai Baht (US\$)
Universal healthcare coverage	46.95	75%	76,598.80 (2,127.74)
Social security Fund	9.2	17%	17,666.96 (490.75)
Government coverage	5.6	8%	38,700 (1,075) 54,900 (1,525)

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Major steps of quality clinical practice guideline

- Development
- Implementation
- Utilization
and Evaluation
- Timely Updating and Revision

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Acknowledgement:

NCI website: www.nci.go.th

TSCO website: www.tSCO.or.th

RCPT website: www.rcpt.org

NHSO website: www.nhso.go.th

Assoc. Prof. Somkiat Sunpaweravong

