

Bridging and Gaps

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CANCER TREATMENT THE FOUR MODALITIES

- SURGERY
- RADIOTHERAPY
- MEDICINE
- SUPPORTIVE CARE

EVALUABLE PARAMETER

MODALITY

Surgery

Radiotherapy

Medicine

Supportive Care



PARAMETER

Tumor

Patient



SUPPORTIVE CARE

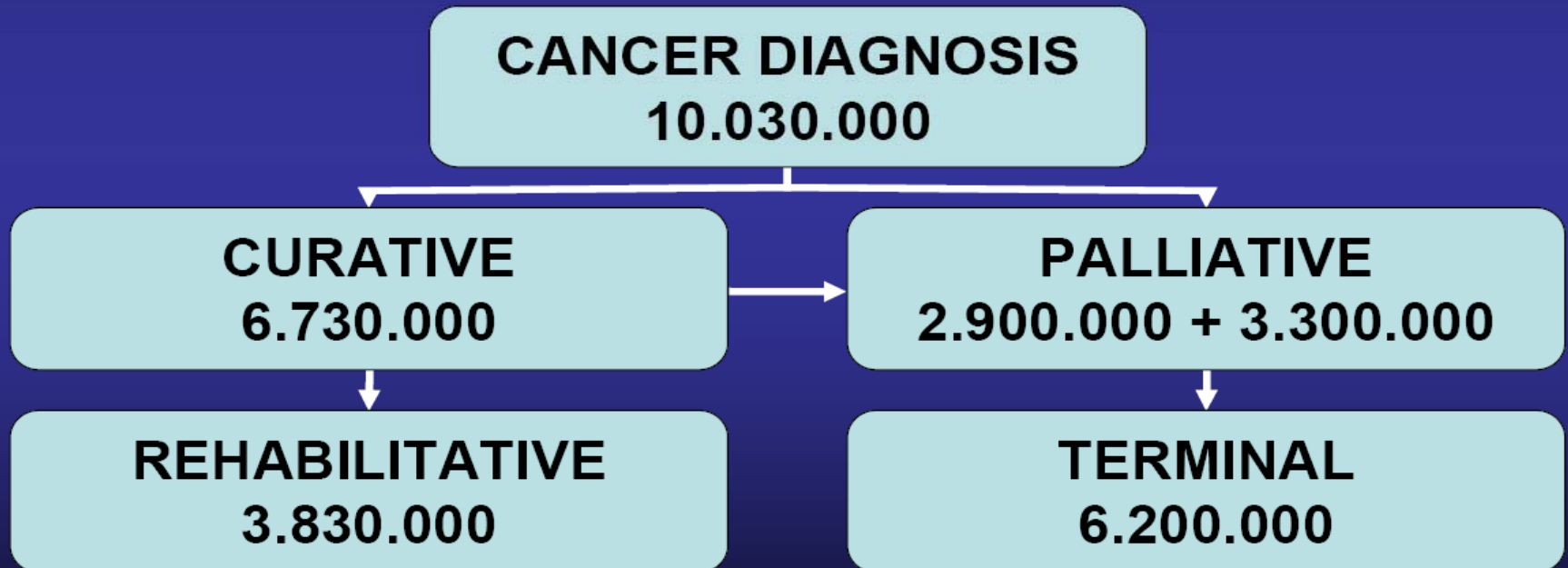
Definition

Supportive care is the prevention and management of the adverse effects of cancer and its treatment across the entire continuum of a patient's illness - including the enhancement of rehabilitation and survivorship.

The Multinational Association of Supportive Care in Cancer 2000

SUPPORTIVE CARE

THE GLOBAL NEED

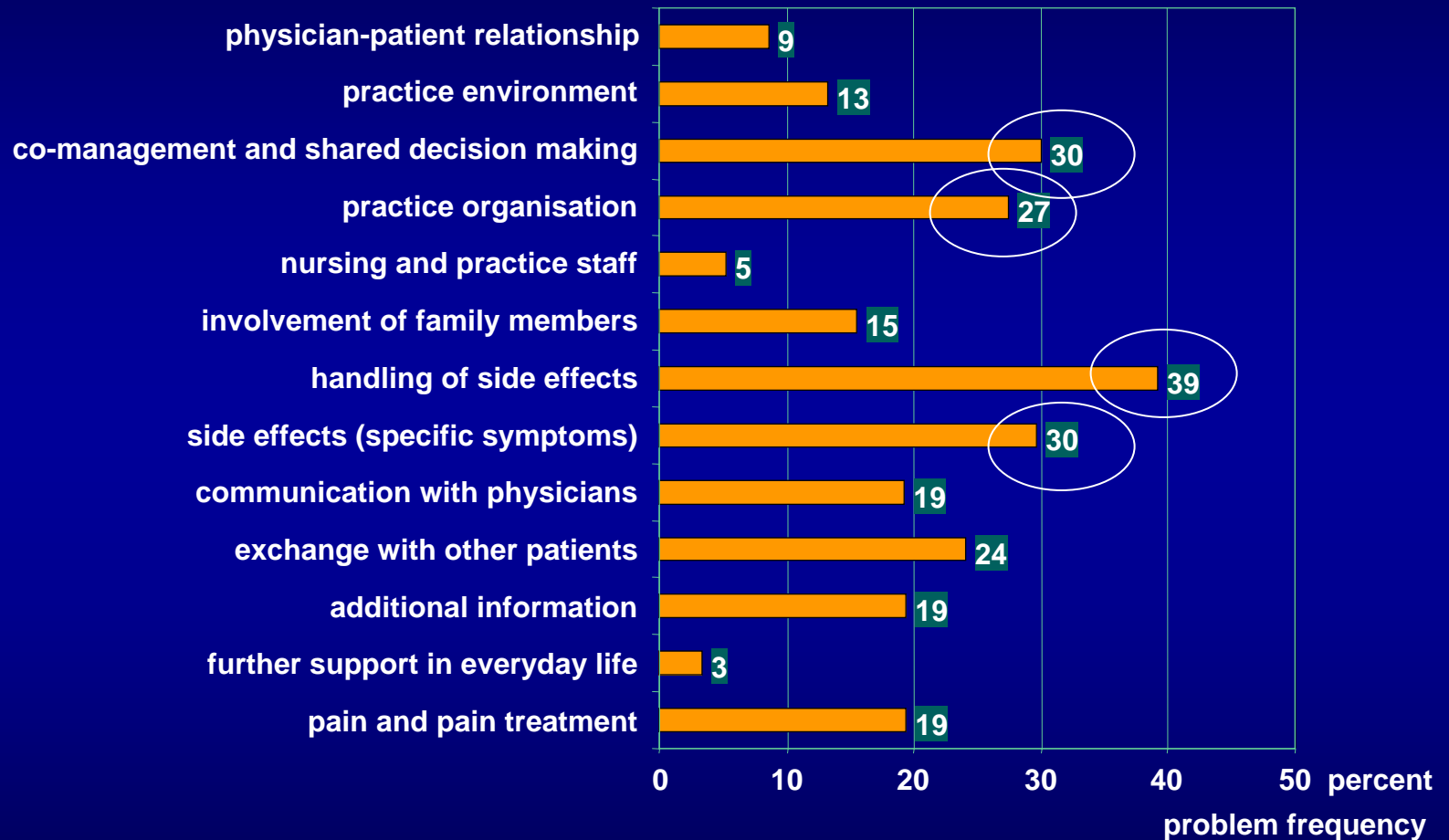


SIDE EFFECTS OF CHEMOTHERAPY

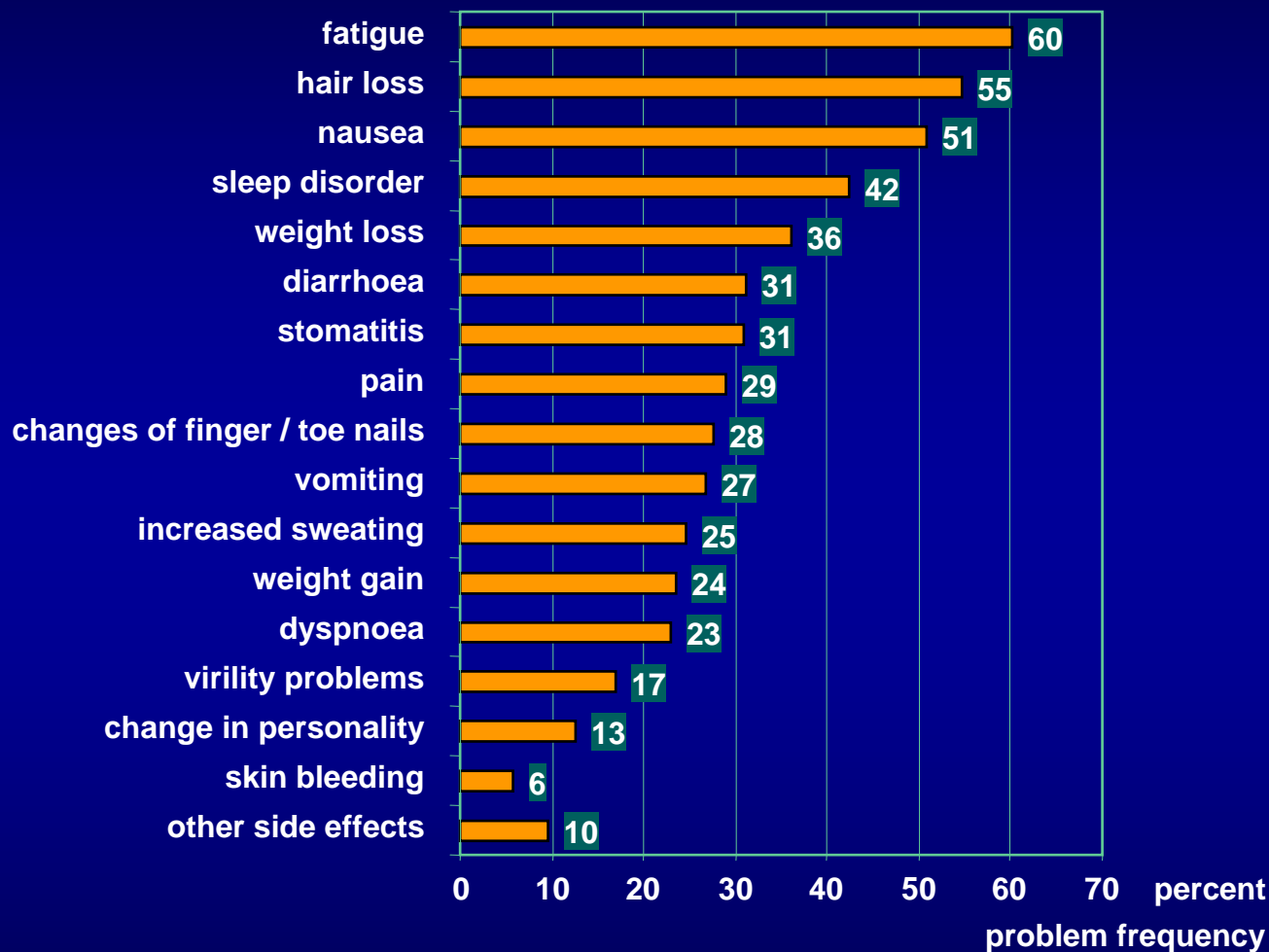
- Loss of hair 74%
- Nausea 73%
- Fatigue 67%
- Vomiting 50%
- Increased urination 49%
- Dry skin 48%
- Loss of appetite 48%
- Difficulty sleeping 47%
- Taste alterations 45%
- Sore mouth 42%

SYMPTOMS OF ADVANCED CANCER

Strengths and weaknesses of cancer care



Side effects (experienced in relation to disease)



SUPPORTIVE CARE

- Prevention and treatment of cancer therapy toxicity
- Prevention and treatment of cancer complications
- Enhancement of rehabilitation
- Enhancement of survivorship

Supportive Care

- Antiemetics
- Analgesia
- Organ sparing anticancer drugs
- Growth factors
- Erythropoietin
- Fatigue
- Nutrition

FUTURE ASPECTS

- The number of cancer patients increases.
- The number and complexity of cancer treatments increase.
- The average age of cancer patients increases.
- New adverse effects from targeted therapy.
- Need for individualized supportive care.

The vision



No gaps if we start early

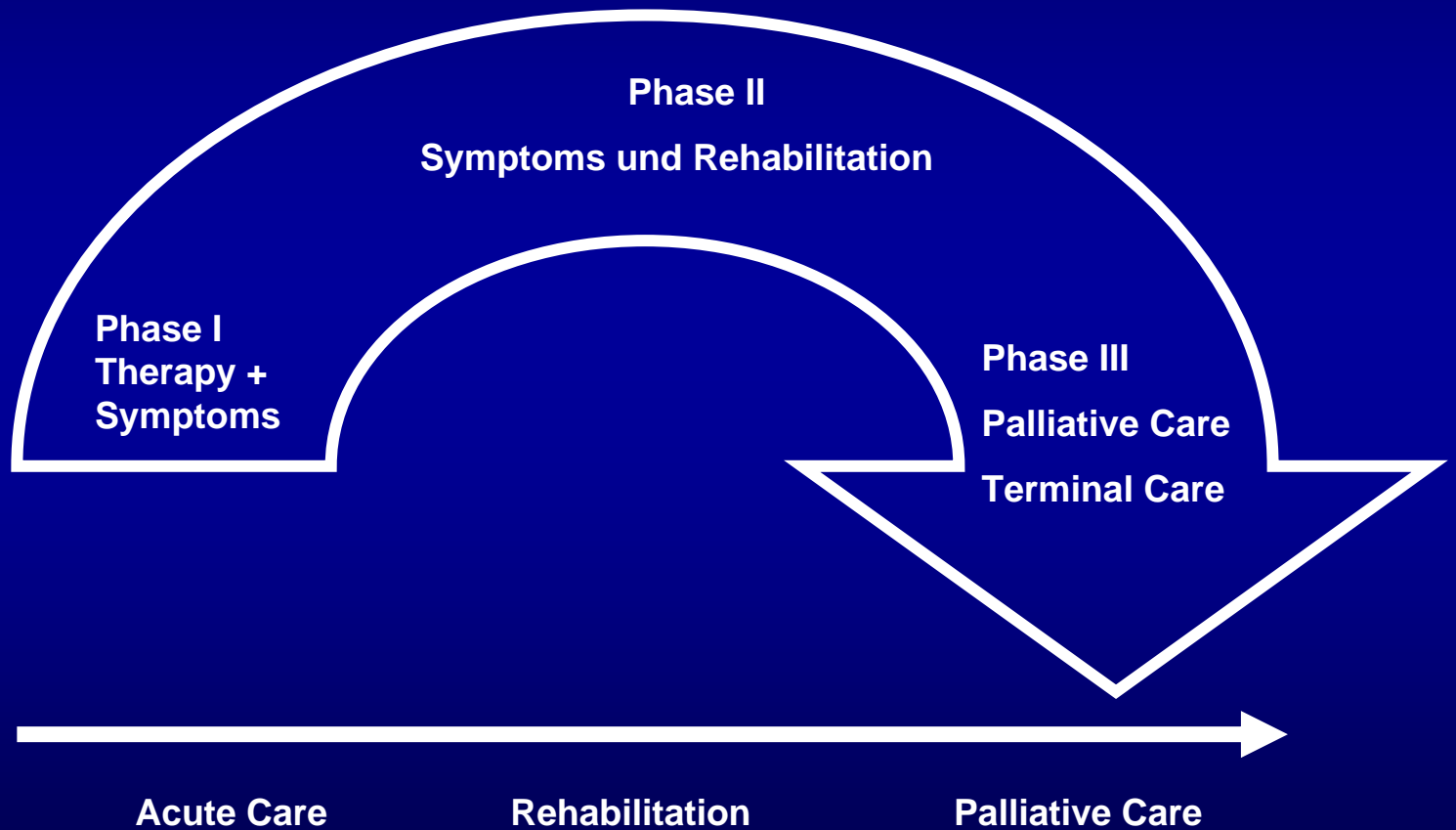
Perceptions

- Palliative Care Passive
Short term (pre-terminal illness)
Minimal intervention
Inexpensive
- Supportive Care Active
Interventional
Acute & chronic timescale
Expensive

Closing the Gaps

- Supportive and Palliative Care are part of a continuum
- Education to increase – awareness of possibilities
 - define the goal of treatment
- Funding to provide both from non-competitive sources
- Research to provide an evidence base – especially in Integrative Oncology

Integrative Supportive Treatment Continuum of Oncological Therapeutic Concepts



Guideline Supportive Care Desire and Reality

- **Desire:**
Improvement quality of life
Improvement survival
Cost effectiveness
- **Reality:**
Insufficient Practice
- **Goal:**
Synthesis evidencebased therapy / individual
decision making