

UNDERSTANDING CANCER PAIN AND ITS TREATMENT



What is cancer pain?

This is a pain from cancer or cancer treatment or both the factors



55%

of patients undergoing anti-cancer treatment experience pain



80-90%

of patients with metastatic, or end-stage cancer experience pain

Causes of cancer pain

Pain due to cancer: Can be caused by a tumor pressing on nerves, bones and organs

Pain due to cancer treatment



Chemotherapy: Numbness and tingling in the hands and feet, burning sensation at the site of injection



Radiotherapy: Skin redness and irritation



Immunotherapy: May cause swelling of your joints



Hormone therapies: May cause joint and muscle pain

How do Pain Physicians help in the treatment of cancer pain?^{1,5}

We will provide a personal plan to treat cancer pain depending on the diagnosis, cancer stage, and response to pain with the help of medications and Minimally Invasive Pain & Spine Intervention (MIPSI), which has shown pain relief in almost **70-80%** of patients with cancer pain.

STEP 1

Non-opioid analgesics

STEP 2

Weak opioids

STEP 3

High-dose opioids

STEP 4

Interventional treatments

Non-opioids

Nonsteroidal anti-inflammatory drugs (NSAIDs), Acetaminophen, etc.

Opioids

Codeine, morphine, hydromorphone, oxycodone, fentanyl, etc.

Adjuvants

Steroids, anti-depressants, anticonvulsants, bisphosphonates

MIPSI

Epidural analgesia

Intrathecal medication administration

Neuromodulation

Nerve ablation procedures



Consult a **Pain Physician** for effective treatment of cancer or cancer treatment related pain.

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