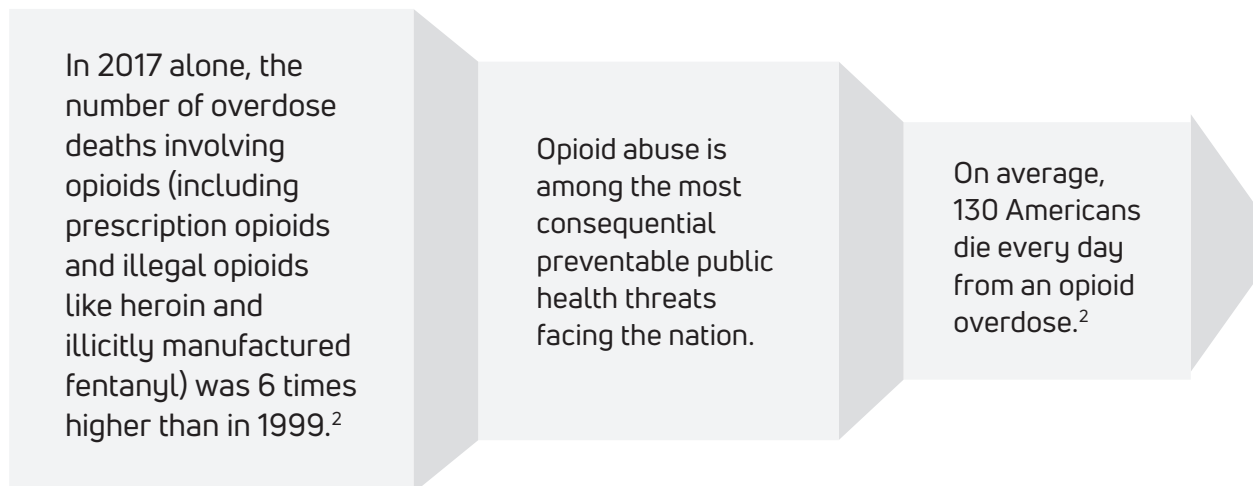


THE COLD FACTS ON PAIN MANAGEMENT

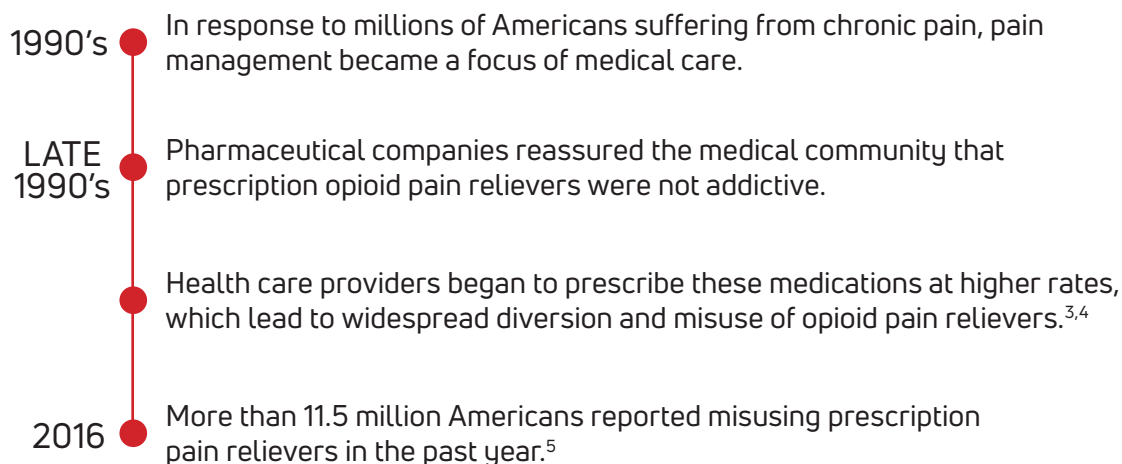
Cryotherapy: An Alternative to Aid Pain Management

PAIN MANAGEMENT IN AMERICA

“From 1999-2017, almost 400,000 people died from an overdose involving any opioid, including prescription medications and illicit opioids.”¹”



THE PRESCRIPTION OPIOID CRISIS



PRESCRIPTION OPIOIDS

Can be **prescribed** for **moderate to severe** pain, after **surgery** or **injury**, or pain from health conditions like **cancer**.

Risks include **misuse**, **addiction**, **overdose**, and **death**, especially with long-term use.

Includes drugs like hydrocodone, oxycodone, codeine, and morphine.

OPIOID CRISIS FACTS & FIGURES

Public Health Impact

MORE THAN
35%

of the 47,600
opioid overdose
deaths in
2017 involved
prescription
opioids⁶

46
DEATHS

every day from
overdoses
involving
prescription
opioids⁶

5X
INCREASE

in overdose
deaths involving
prescription
opioids from
1999 to 2017⁷

180K

more deaths
predicted by
2020⁸

“*Orthopedic Surgeons are the third highest prescribers of opioid prescriptions among physicians, accounting for an estimated 7.7% of all opioid prescriptions.*”²⁶

“*Opioid use can have detrimental effects on clinical outcomes across the spectrum of orthopedic subspecialties.*”²⁶

ECONOMIC IMPACT

99% of the world's oxycodone
is consumed in the U.S.
according to The World Health Organization^{9,10}

\$78.5 billion economic burden of
prescription opioid abuse in U.S.
per year according to the CDC¹¹

Yet even as the amount of opioids prescribed and sold for pain has increased, the amount of pain that Americans report has not similarly changed.⁷

“*92% of the world's opioid supply is consumed by just 17% of the world's population.*”²⁶

“*The United States far outpaces all other nations in the use of opioids for pain control.*”²⁶

COLD THERAPY FOR PAIN MANAGEMENT

Cold therapy (also known as cold treatment or cryotherapy) is widely applied for temporary reduction of swelling and pain after surgery or injury.

CRYOTHERAPY

Evidence-based medicine studies indicate that patients undergoing TKA and arthroscopic ACL reconstruction have benefited from postoperative cryotherapy.^{15,16,17}

In injury recovery, cold therapy has been proven to help:

REDUCE PAIN^{12,13,14}

REDUCE SWELLING/ EDEMA

IMPROVE ROM

REDUCE MUSCLE SPASMS

BENEFITS OF COMBINED COLD & COMPRESSION THERAPY

Significantly helps reduce postoperative pain scores after TKA, ACL reconstruction, and wrist arthroscopy.^{19,20,21}

Showed significant decrease in VAS and decreased use of pain medication when compared to conventional icepacks^{22,23} aiding post-operative arthroscopic procedures.

After ACL reconstruction, showed improved ROM immediately, decreased VAS, and decreased edema.^{22,23,24}

In 2019, Senate lawmakers directed the CMS to boost non-opioid devices reimbursement.²⁵

Cold therapy is an affordable, easy-to use and effective treatment to aid in pain management.

DJO® COLD THERAPY PRODUCTS

DJO® meets every cold therapy need with a comprehensive line of products. From cryotherapy delivery units to wraps, sleeves, cuffs and pads, we help you provide effective cold therapy to every part of the body. To learn more visit www.djoglobal.com.



DonJoy® IceMan® CLEAR³⁺



DonJoy® IceMan CLASSIC^{3TM*}



Cryo/Cuff™ IC Cooler



Cryo/Cuff™ Gravity Cooler



Freeze Sleeve™ MD



Dura*Kold™



Dura*Soft™

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MKT00-9503 Rev A
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***WARNING:** This device can be cold enough to cause serious injury. Serious adverse reactions & safety hazards may occur when using this device. Read and understand all warnings and Instructions for Use, including contraindications, before using this device. DO NOT use this device without a prescription from a physician. Your prescription must state how long and how often the device should be used and the length of breaks between uses.

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