

- Proven efficacy with continuous 24-hour pain control¹
- Significant improvement in physical and social function¹
- Proven safety and tolerability²
- Simplified drug accountability



24-Hour Pain Relief Available in Multiple Dosing Strengths



Please see full Prescribing Information enclosed.
For questions regarding AVVNZA, please call the AVVNZA Information Service at 1-888-8-AVVINZA.









AVINZA®

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AVINS12-RCW 0106 AVI-3062

(morphine sultate extended-release capsules)

AVINZA® Treatment Guide

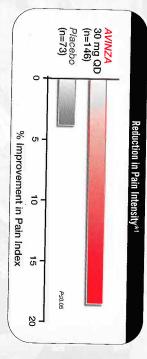
For Chronic Moderate-to-Severe Pain

To Get Back to Active Living Continuous 24-Hour Pain Relief





The Benefits of Continuous 24-Hour Pain Control and Long-Lasting Relief

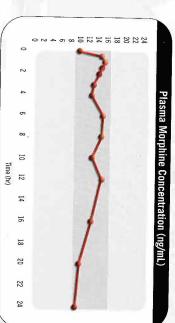


*Double-blind, placebo-controlled, fixed-dose, parallel-group trial of 295 patients with moderate to severe pain due to osteoarthritis (OA) of hip and/or knee. Statistically significant reductions in pain were seen with AV/NZA as compared to placebo. Results with AV/NZA reflect average of AM and PM dosing.

- Simplified drug regimen and accountability
- One dose per day makes it easy to keep track of capsules and prescriptions for physicians, office staff, patients, and caregivers
- Reduces need for clock-watching
- Less interruption to daytime activities and nighttime rest

To Get Back to Active Living

Long Duration of Action²



- AVINZA has a unique delivery system that slowly and consistently releases over 24 hours
- More stable plasma concentration
- Pharmacokinetic profiles may or may not imply efficacy²

Back to Active

AVINZA(() (morphine sulfate extended-release capsules)

Equianalgesic Tables

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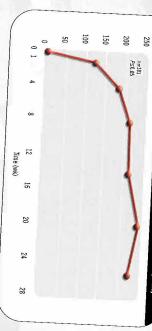
Efficacy



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Long-Lasting Improvements in Physical Function

Improvement in Physical Function Score From Baseline (mm)*



*Improvement measured by the Western Ontario and McMaster Universities (WOMAC) OA Index Pain Scale, a comprehensive, well-validated, self-administered questionnaire consisting of subsets of questions that are answered by the patients, Results with AUNIZA reflect average of AM and PM dosing. Week () (baseline) is Week 4 of the double-blind trial. For some patients, titration occurred over the 26-week period to achieve optimal pain relief.

- Improvement seen as early as Week 1
- Sustained improvement over 6 months

To Get Back to Active Living

Improvement in Daily Activities Includes

Walking on a flat surface
Standing or sitting
Climbing stairs

Getting in and out of bed or bath Ability to perform domestic duties

*Results from a 26-week, open-label extension trial involving patients who successfully completed a 4-week, multicenter, randomized, double-blind, double-dummy, placebo-controlled, parallel trial comparing the safety and efficacy of once-daily AVMZA 30 mg and twice-daily MS Contin® 15 mg, Upon entering the extension trial, patients were randomized to treeviev AVMZA 30 mg once daily in the morning (AVMZA QAM) or AVMZA 30 mg once daily in the evening (AVMZA QAM). If optimal pain relief was not achieved, the AVMZA dose was allowed to be increased.

Back to Active

AVINZA®(I).
(morphine sulfate extended-release capsules)

4

Equianalgesic Tables

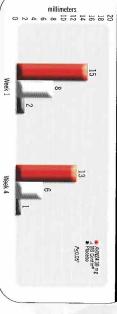
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Efficacy

Improved Sleep Quality AVINZA®

improvement in Quality of Sleep¹

Improvement in Sleep Scores From Baseline (0-100 mm)*



* Results from a 4-week, multicenter, randomized, double-blind, double-dummy, placebo-controlled, parallel trial. Upon entering the trial, patients were randomized to 1 of 4 treatments: AVINZA 30 mg once daily in the morning (AVINZA QAM), AVINZA 30 mg once daily in the evening (AVINZA QPM), MS Contin® 15 mg twice daily, or placebo twice daily.

† P value for AVINZA vs placebo.

- Sustained sleep improvement over 6 months
- Reduced need for sleep medication
- Increased ability to fall asleep
- Less awakening at night

Improved Quality of Sleep Includes

To Get Back to Active Living

- Increased duration of sleep each night

(morphine sulfate extended-release capsules) AVINZA® Back to Active

Equianalgesic Tables

gnizoO

Efficacy



Convenient Dosing AVINZA®-

For Simplified Accountability

A Single Daily Dose³ Continuous 24-Hour Pain Relief in

Vicodin®

(hydrocodone/acetaminophen CIII):

6 times a day4



* Equianalgesic ratio of morphine to hydrocodone is 1:1.5.3 Rounded down to the nearest AVINZA dose.

30 mg* AVINZA Once Daily³



30 mg

Simplified drug regimen and accountability

- 30 Days = 30 Doses
- One dose per day makes it easy to keep track of capsules and prescriptions to physicians, office staff, patients, and caregivers

Individualization of Dosage²

- In all patients, the dose of AVINZA should be titrated to achieve a balance between therapeutic and adverse effects
- As with any opioid, it is critical to adjust the dose of AVINZA for each individual patient, taking into account the patient's prior analgesic treatment
- Practitioners should consider other factors when medical history, concomitant medications) starting a patient on opioid therapy (eg, age,

experience

AVINZA has been proven to be safe and well tolerated

Back to Active

(morphine sulfate extended-release capsules) AVINZA®

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Equianalgesic Tables

Dosing

Convenient Dosing

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Dosing and Conversions

- All AVINZA doses are intended to be administered once daily. Treatment should be individualized using a progressive plan of pain management such as outlined by the
- World Health Organization
- American Pain Society
- Federation of State Medical Boards
 Model Guidelines
- The following guidelines should be considered for reference only. As with any opioid, it is critical to adjust the dose of AVINZA for each individual patient. Because every patient responds differently to opioid drugs and formulations, a conservative approach is advised when determining the total daily dose of AVINZA

For Simplified Accountability

- 30 mg capsules are indicated for opioid-naïve patients. 60 mg, 90 mg, and 120 mg capsules are for use in opioid-tolerant patients only
- When selecting the initial dose of AVINZA, it's advisable to pay attention to
- The patient's prior experience with analgesic treatment, including
- The total daily dose, potency, and specific characteristics of the opioid previously taken
- The reliability of the relative potency estimate used to calculate the equivalent morphine dose needed
- The patient's degree of opioid tolerance
- The general condition and medical status of the patient
- Concomitant medications
- The type and severity of the patient's pain

Back to Active



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Equianalgesic Tables

Dosing



For Simplified Accountability

Important: Conversion From Non-Morphine Opioids

analgesics. Clinical judgment is advised when dosing for each individual patient. immediate-release morphine or other short-acting insufficient pain relief by supplementation with AVINZA dose once per day, and then manage estimated daily morphine requirement as the initial In general, it is safest to administer half of the

Titration

In all patients, the dose of AVINZA should be titrated to achieve a balance between therapeutic and adverse

Tolerance and Reassessment

may occur, requiring a dosage adjustment. When it does, the total dose of AVINZA should be increased opioid-related adverse reactions occur. until pain relief is reached or clinically significant absence of disease progression or other external Tolerance is the need for increasing doses of opioids to maintain a defined effect such as analgesia (in the factors). As with all opioids, some degree of tolerance

Managing Side Effects

opioid-related side effects, including constipation, nausea, and somnolence. with AVINZA are dose dependent, and are typical Common adverse events seen on initiation of therapy

well tolerated In general, AVINZA has been proven to be safe and

constipation from the onset of therapy to manage opioid-induced Physicians should start patients on a bowel regimen

Discontinuation of AVINZA Therapy

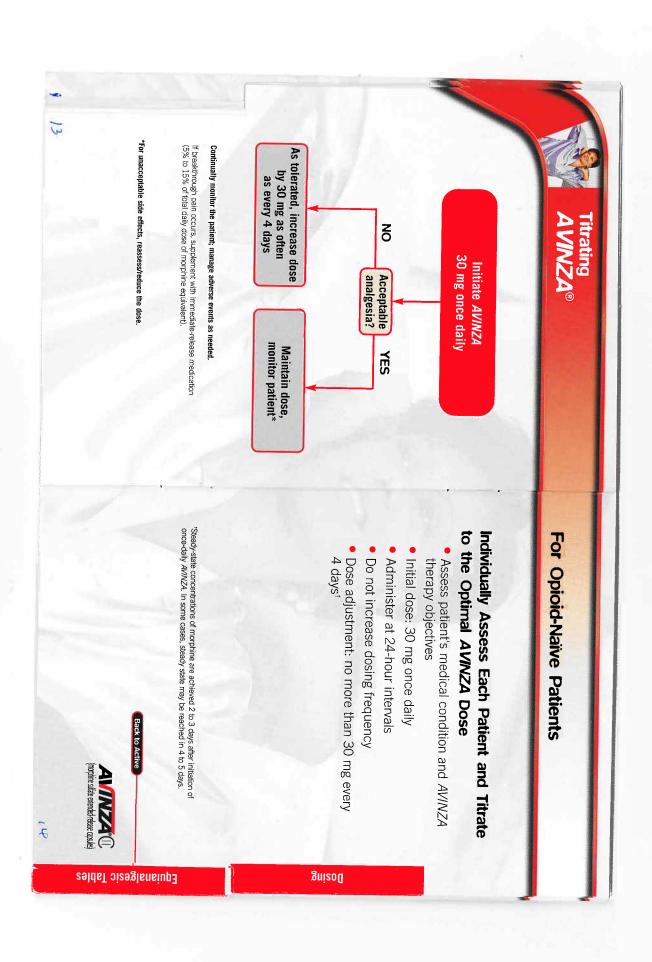
gradually to prevent signs and symptoms of discontinued. Instead, doses should be tapered withdrawal in the physically dependent patient In general, opioids should not be abruptly



12

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Dosing





For Opioid-Tolerant Patients

Morphine Products Converting From

Converting From

Nonmorphine Products

morphine daily dose Calculate total

opioid daily dose Calculate total

Consider dose reduction Convert to equianalgesic AVINZA dose.

appropriate AVINZA

daily dose* Convert to

Z0 analgesia? Acceptable YES

increase dose as often as every other day As tolerated,

> monitor patient Maintain dose,

Continually monitor the patient; manage adverse events as needed.

If breakthrough pain occurs, supplement with immediate-release medication (5% to 15% of total daily dose of morphine equivalent).

1 mg of IV morphine.) is similar to that absorbed from other oral morphine formulations, From intravenous (IV) morphine. A reasonable starting dose of AV/NZA would be approximately 3 times the daily IV morphine requirement. (3 mg to 6 mg of oral morphine may be required to provide pain relief equivalent to From oral morphine: The amount of morphine absorbed from AVINZA following oral administration

For Opioid-Tolerant Patients

to the Optimal AVINZA Dose Individually Assess Each Patient and Titrate

- Assess patient's medical condition and AVINZA therapy objectives
- Review the product information of prior medication regarding conversion to other opioids
- Titration frequency: as often as every other day
- Dose should be taken at 24-hour intervals
- Do not increase dosing frequency
- Steady-state concentrations of morphine can be the clinical benefit of increased dosage achieved 2 to 3 days after initiation of once-daily AVINZA. Therefore, it may take 3 to 4 days to see

pain relief by supplementation with immediate-release morphine or other short-acting analgesics morphine requirement as the initial AVINZA dose once per day, and then manage insufficient and incomplete cross-tolerance, it is generally safest to administer half of the estimated daily the daily dose of AV/NZA based on current opioid total daily dose. Due to interpatient variability From oral nonmorphine opioids. Use the equianalgesic table in the following section to determine

If excessive side effects occur, reduce the AVINZA dose and reassess.

morphine sultate extended-release capsules) AVINZA

10



Convenient Dosing AVINZA®-

daily cumulative equianalgesic dosing for various opioids. These tables should be considered for guidance only, providing the total

	Ser printed to	mor buillion Bours to waters	
Immediate Release	IV dose/day	Extended Release	AVINZA*
5 mg q4h	10 mg	15 mg q12h	30 mg q24h
10 mg q4h	20 mg	30 mg q12h	60 mg q24h
15 mg q4h	30 mg	45 mg q12h	90 mg q24h
20 mg q4h	40 mg	60 mg q12h	120 mg q24h
25 mg q4h	50 mg	75 mg q12h	150 mg q24h
30 mg q4h	60 mg	90 mg q12h	180 mg q24h
35 mg q4h	70 mg	105 mg q12h	210 mg q24h
40 mg q4h	80 mg	120 mg q12h	240 mg q24h
45 mg q4h	90 mg	135 mg q12h	270 mg q24h
50 mg q4h	100 mg	150 mg q12h	300 mg q24h
Fortianal pesic ratio is 1.15			*Consider the need

*Consider the need for dose reduction.

Morphine Products:

Extended Release: Kadian®, MS Contin®, Oramorph SR® № Morphine sulfate (including Infumorph®, Duramorph®). Immediate Release: MSIR® Roxanol™

Note: Confirm the actual opioid dosage being taken per day to determine the total daily AVINZA dose.

7

Equianalgesic Tables

daily cumulative equianalgesic dosing for various opioids. These tables should be considered for guidance only, providing the total

Immediate Release	Controlled Release	AVINZA*
5 mg q6h	10 mg q12h	30 mg q24h
10 mg q6h	20 mg q12h	60 mg q24h
15 mg q6h	30 mg q12h	90 mg q24h
20 mg q6h	40 mg q12h	120 mg q24h
25 mg q6h	50 mg q12h	150 mg q24h
30 mg q6h	60 mg q12h	180 mg q24h
35 mg q6h	80 mg q12h	240 mg q24h

Equianalgesic ratio is 1:1.5.5

*Consider the need for dose reduction.

Oxycodone Products:

Immediate Release: Oxy IR* Oxydose**, Oxyfast*, Roxicodone* Intensol, Roxicodone*, Endocet*, Percocet*, Roxicet**, Tylox* Endodan* Percodan* Controlled Release: OxyContin®

For exycodone combination products with acetaminophen, higher doses may exceed maximum recommended daily doses of acetaminophen (4 g)

Back to Active

Note: Confirm the actual opioid dosage being taken per day to determine the total daily AVINZA dose.

(morphine sulfate extended-release capsules) AVINZA®

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Convenient Dosing AVINZA®.

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10 mg q6h	10 mg q4h	8 mg q6h	8 mg q4h	6 mg q6h	6 mg q4h	4 mg q6h	4 mg q4h	2 mg q6h	2 mg q4h	Oral Hydromorphone	
150 mg q24h	240 mg q24h	120 mg q24h	180 mg q24h	90 mg q24h	120 mg q24h	60 mg q24h	90 mg q24h	30 mg q24h	30 mg q24h	AVINZA*	

Equianalgesic ratio is 1:45

Oral Hydromorphone Products: Dilaudid®, Dilaudid®-5.

*Consider the need for dose reduction.

Note: Confirm the actual opioid dosage being taken per day to determine the total daily AVINZA dose.

101

Equianalgesic Tables

Hydrocodone /	Hydrocodone Agents to AVINZA
Oral Hydrocodone	AVINZA*
5 mg q4h	30 mg ⁺ q24h
7.5 mg q4h	60 mg ⁺ q24h
7.5 mg q6h	30 mg ⁺ q24h
10 mg q4h	90 mg q24h
10 mg q6h	60 mg q24h
15 mg q4h	120 mg ⁺ q24h
15 mg q6h	90 mg q24h
20 mg q4h	180 mg q24h
20 mg q6h	120 mg q24h

Equianalgesic ratio is 1.1.5.3

*Consider the need for dose reduction.

Combination Oral Hydrocodone Products:

Anexsia*, Bancapa* HC, Lorce** 10/650, Lorcet* Plus, Lortab** Lorcet*-HD, Norco* (Vicodin*, Vicodin HP* Vicodin ES*), Zydone*

Rounded down to nearest AV/NZA dose.
For hydrocodone combination products with acetaminophen, care should be taken not to exceed recommended daily doses of acetaminophen (4 g).

(morphine sulfate extended-release capsules)

Note: Confirm the actual opioid dosage being taken per day to determine the total daily AVINZA dose.

20

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Fentanyl Transdermal System	AVINZA*
25 mcg/h	60-90 mg q24h
50 mcg/h	90-180 mg q24h
75 mcg/h	180-270 mg q24h
100 mcg/h	270-360 mg q24h

*Consider the need for dose reduction.

AVINIZA doses are suggested equianalgesic ranges based on American Pain Society recommendations.⁵

Fentanyl Transdermal System Product:

patch for initial conversion Conservatively, 30 mg of AVINZA could be substituted for each 25 mcg/n fentanyl transdermal

After patch removal, 17 hours or more are required for a 50% decrease in serum fentanyl concentrations in healthy individuals. AV/NZA treatment can be initiated 18 hours following removal of the transdermal fentanyl patch, or as clinically indicated.

References: 1. Caldwell JR, Rapoport RJ, Davis JC, et al. Efficacy and safety of a once-daily morphine formulation in cinoric moderate to-severe osteachthitis pain: results from a randomized, placeoe-controlled, double-blind male and open-label extension trial. J Pain Symptom Manage, 2002.23/278-291. 2. AINCA (prescribing information.) San Diego, Calif: Ligand Pharmaceuticals Inc.; Rev. 1005. 3. Brookoff D. Chronic pain: 2. The case for opicids. Available at: http://www.hosppract.com/ssues/2000/29/prock hm. Accessed December 29, 2005. 4. Vicadin [prescribing information.] Hother Chicago, III. Abbott Laboratories, Rev. June 2002. 5. American Pain Society, Principles of Analgesic Use in the Treatment of Acute Pain and Cancer Pain. the Clienwew, III. American Pain Society, 2003. 6. Giman AG, consulting ed; Heroman JG, Limbird LE, ests. Goodman & Gimans 1 Title Pharmacological Basis of Therepeatures. 10 the d. New York, NY. McGraw-Hill. 2001. 7. Duragesic (package insent). Titusville, NJ. Janssen Pharmacoutica Products, L.P.; 2003.

Note: Confirm the actual opioid dosage being taken per day to determine the total daily AVINZA dose.

17

Equianalgesic Tables

Other Oral Medications to AVINZA

Equianalgesic ratio.'	15 mg q4h	10 mg q4h		5 mg q4h			Oral Methadone
Equianalgesic ratio is 1:0.15			200 mg q4h	150 mg q4h	100 mg q4h	50 mg q4h	Oral Meperidine
Consider the need for dose reduction.	270 mg q24h	180 mg q24h	120 mg q24h	90 mg q24h	60 mg q24h	30 mg q24h	AVINZA

accumulates in body tissue. Use care when rotating patients from methadone to other opioids. The half-life of methadone varies from 15-40 hours and, with chronic administration, methadone Oral Methadone Products:

Dolophine® HCL, Methadose®, Methadone HCL, Methadone HCL Intensol™, Methadose®

Oral Meperidine Products:

Demerol® HCL, Meperidine Hydrochloride.

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Vicodin® Vicodin HP® and Vicodin Es® are registered trademarks of Abbott Laboratories. Zydone® is a

per day to determine the total daily AVINZA dose. Note: Confirm the actual opioid dosage being taken

registered trademark of Endo Pharmaceuticals.

Equianalgesic Tables

(morphine suitate extended-release capsules) AVINZA