# Motivational Interviewing Might Help Smokers Quit

BY DIANA MAHONEY

otivational interviewing can be an effective counseling technique for smoking cessation, particularly when it is delivered by a primary care physician, a review of intervention studies shows. However, the review results should be interpreted with caution, the authors wrote.

Dr. Douglas T.C. Lai, a family physi-

cian affiliated with the Chinese University of Hong Kong, and his colleagues from that university and the University of Oxford (England), conducted a Cochrane Collaboration review of data from 14 studies involving over 10,000 individuals and published between 1997 and 2008. The review included randomized controlled trials, identified through the Cochrane Tobacco Addiction Group Specialized Register, in which motivational

interviewing or its variants were used to assist in smoking cessation (Cochrane Database Syst. Rev. 2010 Jan. [doi:10.1002/14651858.CD006936.pub2]).

Motivational interviewing (MI) is a nonconfrontational counseling technique designed to help people explore and resolve their uncertainties about behavior changes, the authors wrote. The brief intervention has been widely implemented as a smoking cessation technique and is recommended in smoking cessation guidelines. However, little attempt has been made "to systematically review the evidence" about the inter-

In the current review, the researchers sought to include studies of interventions making explicit reference to core MI principles as described by W. R. Miller and S. Rollnick in their book, "Motivational Interviewing: Preparing People to

EMBEDA™ (morphine sulfate and naltrexone hydrochloride) Extended Release Capsules for oral use - ©

#### BRIEF SUMMARY OF FULL PRESCRIBING INFORMATION

The following is a brief summary only. For complete product information, Prescribing Information, including Medication Guide, on www.EMBEDA.com

WARNING: EMBEDA<sup>™</sup> capsules contain morphine, an opioid agonist and a Schedule II controlled substance with an abuse liability similar to other opioid agonists. EMBEDA can be abused in a manner similar to other opioid agonists, legal or illicit. This should be considered when prescribing or dispensing EMBEDA in situations where the physician or pharmacist is concerned about an increased risk of misuse, abuse, or diversion.

EMBEDA contains pellets of an extended-release oral formulation of morphine sulfate an opioid receptor agonist, surrounding an inner core of nathrexone hydrochloride, an opioid receptor antagonist indicated for the management of moderate to severe pain when a continuous, around-the-clock opioid analgesic is needed for an extended period

EMBEDA is NOT intended for use as a prn analgesic.

EMBEDA 100 mg/4 mg IS FOR USE IN OPIOID-TOLERANT PATIENTS ONLY. Ingestion of these capsules or the pellets within the capsules may cause fatal respiratory depression when administered to patients not already tolerant to high doses of opioids.

repression when auministered to patients not already tolerant to high doses of opioids. Patients should not consume alcoholic beverages while on EMBEDA therapy. Additionally, patients must not use prescription or non-prescription medications containing alcohol while on EMBEDA therapy. The co-ingestion of alcohol with EMBEDA may result in an increase of plasma levels and potentially fatal overdose of morphine. EMBEDA is to be swallowed whole or the contents of the capsules sprinkled on apple sauce. The pellets in the capsules are not to be crushed, dissolved, or chewed due to the risk of rapid release and absorption of a potentially fatal dose of morphine.

Crushing, thewing, or dissolving EMBEDA will also result in the release of malarayana.

Crushing, chewing, or dissolving EMBEDA will also result in the release of nattrexone which may precipitate withdrawal in opioid-tolerant individuals.

INDICATIONS AND USAGE: EMBEDA is an extended-release oral formulation of morphine sulfate and nattrexone hydrochloride indicated for the management of moderate to severe pain when a continuous, around-the-clock opioid analgesic is needed for an extended period of time. EMBEDA is NOT intended for use as a prin analgesic. EMBEDA is not indicated for acute/postoperative pain or if the pain is mild or not expected to persist for an extended period of finne. EMBEDA is only indicated for postoperative pain is mild or not expected to persist for an extended period of finne. EMBEDA is only indicated for postoperative use if the patient is already receiving chronic opioid therapy prior to surgery or if the postoperative pain is expected to be moderate to severe and persist for an extended period of finne. Physicians should individualize treatment, moving from parenteral to oral analgesics as appropriate. **CONTRAINDICATIONS:** EMBEDA is contraindicated in patients with a known persist for an extended period of time. Physicians should individualize treatment, moving from parenteral to oral analgesics as appropriate. CONTRAINDICATIONS: EMBEDA is contraindicated in patients with a known hypersensitivity to morphine, morphine salts, naltrexone, or in any situation where opioids are contraindicated. Impaired Pulmonary Function: EMBEDA is contraindicated in patients with significant respiratory depression in unmonitored settings or the absence of resuscitative equipment. EMBEDA is contraindicated in patients with acute or severe branchial asthma or hypercapnia in unmonitored settings or the absence of resuscitative equipment. EMBEDA is contraindicated in any patient who has or is suspected of having paralytic ileus. WARNINGS AND PRECAUTIONS: EMBEDA is to be swallowed whole or the contents of the capsules sprinkled on apple sauce. The pellets in the capsules are not to be crushed, dissolved, or chewed. The resulting morphine dose may be fatal, particularly in opioid-naïve individuals. In opioid-tolerant individuals, the absorption of naltrexone may increase the risk of precipitating withdrawal. EMBEDA 100 mg/4 mg is for use in opioid-tolerant patients only. Ingestion of these capsules or of the pellets within the capsules may cause fatal respiratory depression when administered to patients not already tolerant to high doses of opioids. Misuse, Abuse, and Diversion of Opioids: EMBEDA contains morphine, an opioid agonist, and is a Schedule II controlled substance. Opioid agonists have the potential for being abused and are sought by drug abusers and people with addiction disorders and are subject to criminal diversion. Morphine can be abused in a manner similar to other opioid agonists, legal or illicit. This should be considered when prescribing or dispension, have of EMBEDA by crushing, chewing, snorting, or injecting the dissolved product will result in the uncontrolled delivery of the opioid and pose a significant risk to the abuser that could result in overdose and death (see Drug Abuse because respiratory depression, hypotension, and profound sedation or coma may result. Patients should not consume alcoholic beverages, prescription or non-prescription medications containing alcohol while on EMBEDA therapy. The co-ingestion of alcohol with EMBEDA can result in an increase of morphine plasma levels and potentially fatal overdose of morphine *Isee Clinical Pharmacology*]. **Impaired Respiration:** Respiratory depression is the chief hazard of all morphine preparations such as EMBEDA. Respiratory depression occurs more frequently and is more dangerous in elderly and debilitated patients, and those suffering from conditions accompanied by hypoxia, hypercapnia, or upper airway obstruction (when even moderate therapeutic doses may significantly decrease pulmonary disease or cor pulmonale, and in patients having a substantially decreased respiratory reserve (e.g., severe kyphoscoliosis), hypoxia, hypercapnia, or pre-existing respiratory depression. In such patients, even usual therapeutic doses of morphine may increase airway resistance and decrease respiratory drive to the point of apnea. In these patients, alternative non-opioid analgesics should be considered, and opioids should be employed only under careful medical supervision at the lowest effective dose. **Head Injury and Increased Intracranial Pressure:** The respiratory depressant effects of morphine with carbon dioxide tetention and secondary elevation of cerebrospinal fluid pressure may be markedly exaggerated in the presence of head injury, other intracranial lesions, or a pre-existing increase in intracranial pressure. EMBEDA can produce of head injury, other intracranial lesions, or pre-existing increase in intracranial pressure. EMBEDA can produce effects on pupillary response and consciousness, which may obscure neurologic signs of further increases in pressure in patients with head injuries. EMBEDA should only be administered under such circumstances when considered essential and then with extreme care. **Hypotensive Effect:** EMBEDA may cause severe hypotension. There is an added risk to individuals whose ability to maintain blood pressure has already been compromised by a reduced blood volume or a concurrent administration of drugs such as phenothiazines or general anesthetics [see Drug Interactions]. EMBEDA may produce orthostatic hypotension and syncope in ambulatory patients. EMBEDA should be administered with caution to patients in circulatory shock, as vasodilation

produced by the drug may further reduce cardiac output and blood pressure. **Interactions with other CNS Depressants:** EMBEDA should be used with caution and in reduced dosage in patients who are concurrently receiving other central nervous system depressants including sedatives or hypnotics, general anesthetics, phenothiazines, other tranquilizers, and alcohol because respiratory depression, hypotension, and profound sedation or coma may result *[see Drug Interactions]*. **Gastrointestinal Effects:** EMBEDA should not be given to patients with gastrointestinal obstruction, particularly paralytic ileus, as there is a risk of the product remaining in the stomach for an extended period and the subsequent release of a bolus of morphine when normal gut motility is restored. As with other solid morphine formulations diarrhea may reduce morphine absorption. The administration of morphine may obscure the diagnosis or clinical course in patients with acute abdominal condition. **Cordotomy:** Patients taking EMBEDA who are scheduled for cordotomy or other interruption of pain transmission pathways should have EMBEDA ceased 24 hours prior to the procedure and the pain controlled by parenteral short-acting opioids. In addition, the post-procedure titration of analgesics for such patients should be individualized to avoid either oversedation or withdrawal syndromes. **Use in Pancreatic/** patients stroug de individualized or ovoid entire overseaution of windiardural syndrothes. See in Patric earlicy
Billiary Tract Disease: EMBEDA may cause spasm of the sphincter of Oddi and should be used with caution
in patients with billiary tract disease, including acute pancreatitis. Opioids may cause increases in the serum
amylase level. Tolerance and Physical Dependence: Tolerance is the need for increasing doses of opioids
to maintain a defined effect such as analgesia (in the absence of disease progression or other external factors).
Physical dependence is manifested by withdrawal symptoms after abrupt discontinuation of a drug or upon Physical dependence is manifested by withdrawal symptoms after abrupt discontinuation of a drug or upon administration of an antagonist. Physical dependence and tolerance are common during chronic opioid therapy. The opioid abstinence or withdrawal syndrome is characterized by some or all of the following: restlessness, acrimation, rhinorrhea, yawning, perspiration, chills, myalgia, and mydriasis. Other symptoms also may develop, including: irritability, anxiety, backache, joint pain, weakness, abdominal cramps, insomnia, nausea, anorexia, vomiting, diarrhea, or increased blood pressure, respiratory rate, or heart rate. EMBEDA should not be abruptly discontinued [see Dosage and Administration]. Special Risk Groups: EMBEDA should be administrated with caution, and in reduced dosages in elderly or debilitated patients; patients with severe renal or hepatic insufficiency; patients with Addison's disease; myxedema; hypothyroidism; prostatic hypertrophy or urethral insufficiency, patients with Addison's disease; myxedema; hypothyroidism; prostatic hypertrophy or urethral psychosis, acute alcoholism, and delirium tremens. All opioids may aggravate convulsions in patients with convulsive disorders, and all opioids may induce or aggravate seizures in some clinical settings. Driving and psychosis, acute alcoholism, and delinium tremens. All opioids may aggravate convulsions in patients with convulsive disorders, and all opioids may induce or aggravate seizures in some clinical settings. **Driving and Operating Machinery:** EMBEDA may impair the mental and/or physical abilities needed to perform potentially hazardous activities such as driving a car or operating machinery. Patients must be cautioned accordingly. Patients should also be warned about the potential combined effects of EMBEDA with other CNS depressants, including other opioids, phenothiazines, sedative/hypnotics, and alcohol [see Drug Interactions]. **Anaphylaxis:** Although extremely rare, cases of anaphylaxis have been reported with the use of a similar extended release morphine formulation. **Accidentally Precipitated Withdrawal:** Agonist/antagonist analgesics (i.e., pentazocine, nalbuphine, butorphanol) should be administered with caution to a patient who has received or is receiving a course of therapy with EMBEDA. In this situation, mixed agonist/antagonist analgesics may reduce the analgesic effect of EMBEDA and/or may precipitate withdrawal symptoms in these patients. Consuming EMBEDA that have been tampered by crushing, chewing, or dissolving the extended-release formulation can release sufficient nathrexone to precipitate withdrawal in opioid-dependent individuals. Symptoms of withdrawal usually appear within five minutes of ingestion of nathrexone and can last for up to 48 hours. Mental status changes can include confusion, somnolence, and visual hallucinations. Significant fluid losses from vomiting and diarrhea can require intravenous fluid administration. Patients should be closely monitored and therapy with non-opioid medications tailored to meet individual requirements. **Laboratory Tests:** Naltrexone does not interfere with thirl-layer, gas-liquid, and high pressure liquid chromatographic methods which may be therapy with non-opioid medications tailored to meet individual requirements. Laboratory Tests: Naltrexone does not interfere with thin-layer, gas-liquid, and high pressure liquid chromatographic methods which may be used for the separation and detection of morphine, methodone, or quinine in the urine. Naltrexone may or may or may not interfere with enzymatic methods for the detection of opioids depending on the specificity of the test. Please consult the test manufacturer for specific details. ADVERSE REACTIONS: Serious adverse reactions that may be associated with EMBEDA therapy in clinical use include: respiratory depression, respiratory arrest, apnea, circulatory depression, cardiac arrest, hypotension, and/or shock. [see Overdosage, Warnings and Precautions]. The common adverse events seen on initiation of therapy with EMBEDA are dose dependent, and their frequency depends on the clinical setting, the patient's level of opioid tolerance, and host factors specific to the individual. They should be expected and managed as a part of poinid gonglassin. The most frequent of those includes tagents on the clinical setting, the planeth's level of option toleratine, that has factors specific to the individual. They should be expected and managed as a part of opioid analgesia. The most frequent of these include drowsiness, dizziness, constipation, and nausea. **Clinical Studies Experience:** Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared with rates in the clinical trials of another drug and may not reflect the rates observed in practice. There were 1251 subjects exposed to at least one dose of EMBEDA in the clinical program. During late phase clinical development, 618 subjects received EMBEDA in two randomized, controlled, double-blind studies pridse clinical development, of a subjects received in the first and interest controlled, abouteralina studies in subjects with osteoarthritis of the hip or knee. An additional 465 subjects received EMBEDA in an open-label, year-long safety study of subjects with chronic, non-cancer pain, 208 subjects for at least six months and 1,24 for 12 months. The remaining 168 subjects were exposed to a single dose of EMBEDA in early PK/PD studies. Short-Term (12-Week) Randomized Study — Adverse reactions observed in at least 2% of subjects treated with EMBEDA: This study utilized an enriched enrollment with a randomized withdrawal design in which subjects were EMBELAE: Ints study untized an entinche enrollment with a fanoamized withardard aesign in writer subjects were trandomized to either active treatment with EMBEDA for up to 45 days. Once their pain was controlled, subjects were randomized to either active treatment with EMBEDA or were tapered off EMBEDA using a double-dummy design and placed on placebo. The Maintenance Period was 12 weeks. The most common adverse reactions leading to study discontinuation were nausea, constipation, vomiting, fatigue, dizziness, pruritus, and somnolence. Adverse reactions, defined as treatment-related adverse events assessed by the investigators, reported by ≥2.0% of subjects in either the titration or maintenance phase of the 12-week study are presented in Table 1.

Table 1: Adverse Events Reported by  $\geq$  2.0% of Subjects in 12-Week Efficacy Study — Safety Population

	Titration	Maintenance	
System Organ Class Preferred Term	EMBEDA (N=547) n (%) <sup>1</sup>	EMBEDA (N=171) n (%)	Placebo (N=173) n (%)
Subjects With At Least One TEAE	313 (57.2%)	56 (32.7%)	45 (26.0%)
Gastrointestinal disorders	260 (47.5%)	41 (24.0%)	28 (16.2%)
Abdominal pain upper	6 (1.1%)	4 (2.3%)	3 (1.7%)
Constipation	165 (30.2%)	12 (7.0%)	7 (4.0%)
Diarrhoea	6 (1.1%)	12 (7.0%)	12 (6.9%)
Dry mouth	31 (5.7%)	3 (1.8%)	2 (1.2%)
Nausea	106 (19.4%)	19 (11.1%)	11 (6.4%)

Change" (New York: Guilford Press, 2002)

The studies had to include a monitoring element, such as the details of counselor training or measures to ensure the quality of MI sessions (videotaping sessions or use of an assessment scale and supervision, for example). The main outcome measure used in the review was abstinence from smoking after at least 6 months' follow-up, based on the most rigorous definition of abstinence in each trial and biochemically validated rates, where available.

All except two of the intervention

studies included in the review took place in the United States, and the most commonly used MI approach was one in which the smoker received nonthreatening feedback designed to develop discrepancy between smoking and personal goals, the authors explained.

Dr. Lai and his colleagues noted that the interventions involved face-to-face sessions, except for three in which the counseling was telephone based. Ten of the studies looked at single-session interventions, and the rest looked at threeand four-session interventions. Most of the studies compared the MI intervention with usual care or brief advice, often accompanied by self-help materials, they said.

The investigators conducted a conventional meta-analysis to estimate pooled treatment effects.

They observed a modest but significant increase in smoking cessation among patients who underwent MI, compared with those who received usual care. With the strictest definition of abstinence and the longest follow-up, the overall effect across all 14 trials was a relative risk for smoking cessation in the treatment vs. usual care group of

1.27, the authors reported.

A slightly higher but similar effect (relative risk 1.37) was observed in a sensitivity analysis that excluded trials of participants who were already motivated to make a quit attempt, and a comparable relative risk (1.31) was noted in an analysis of findings from the nine trials in which the outcomes were validated biochemically, they said.

In a subgroup analysis by therapist type, the largest effect was observed in the interventions delivered by primary care physicians, followed by those with counselors and nurses, the authors reported. It is possible that primary care doctors are best suited to deliver this type of intervention because they are already familiar with the patients and, presumably, have an established rapport. The author pointed out that "this finding is based on two relatively small studies and should not be overstated."

The authors reported no conflicts of interest.

### Table 1 (contd)

System Organ Class Preferred Term	Titration EMBEDA (N=547) n (%) <sup>1</sup>	Maintenance	
		EMBEDA (N=171) n (%)	Placebo (N=173) n (%)
Vomiting	46 (8.4%)	7 (4.1%)	2 (1.2%)
General disorders and administration site conditions	39 (7.1%)	9 (5.3%)	10 (5.8%)
Fatigue	16 (2.9%)	1 (0.6%)	2 (1.2%)
Nervous system disorders	135 (24.7%)	12 (7.0%)	11 (6.4%)
Dizziness	42 (7.7%)	2 (1.2%)	2 (1.2%)
Headache	22 (4.0%)	4 (2.3%)	2 (1.2%)
Somnolence	76 (13.9%)	2 (1.2%)	5 (2.9%)
Psychiatric disorders	34 (6.2%)	10 (5.8%)	9 (5.2%)
Insomnia	7 (1.3%)	5 (2.9%)	4 (2.3%)
Skin and subcutaneous tissue disorders	46 (8.4%)	7 (4.1%)	7 (4.0%)
Pruritus	34 (6.2%)	0	1 (0.6%)
Vascular disorders	4 (0.7%)	5 (2.9%)	2 (1.2%)
Flushing	0	4 (2.3%)	1 (0.6%)

Adverse reactions are classified by System Organ Class and Preferred Term as defined by the Medical Dictionary of Regulatory Affairs (MedDRA) v9.1. If a subject had more than one Act that codes to the same Preferred Term, the subject was counted only once for that Preferred Term. Lang-Term Open-Label Safety Study, 465 patients with chronic non-malignant pain were enrolled and 124 patients were treated for up to 1 year. The distributions of odverse events were similar that of the rondomized, controlled studies, and were consistent with the most common opioid related adverse events. Adverse reactions, defined as treatment-related adverse sevents sessesed by the investigators, reported by ≥ 2.0% of subjects in Long-Term Safety Study — Safety Population (N=465). Any Related & 288 (61.9%). Costrointestinal disorders 219 (47.1%); constipation 143 (3.12%), Diarrheea 10 (2.2%); by mouth 17 (3.7%). Nusses 103 (32.2%); by "omiting 37 (8.0%). General disorders and administration site conditions 51 (11.0%): Finitipue 19 (4.1%); herous system disorders 99 (21.3%); Diarrheea 10 (2.2%); postpoint 143 (2.8%). Sommolence 34 (7.3%); Psychitatric disorders 42 (9.0%). Anxiety 10 (2.2%); Insormitia 13 (2.8%); Sam and subcutaneous issue disorders 52 (11.2%). Hyperhidrosis 16 (3.4%); Puritus 26 (5.6%). Adverse reactions are classified by System Organ Class and Preferred Term as that codes to the same Preferred Term, the subject was counted only once for that Preferred Term. Adverse Reactions Observed in the Phase 2/3 Studies: Most common (≥10%); constipation, nousea, somnolence. Common (≥10%) to 3.0% (2.5%); budominal pain, lethargy, eldema peripheral, dyspepsia, anotoxia, unsued system disorders: and administration site conditions: ministration site. Common (≥10%): Seatointestinal disorders: constipation, nousea, sornoise, decreased appetite; Musculoskeletal and connective itsue disorders: myleridisors, onvitus, year mouth, dyspepsia, fliatulence, selessesses, decreased appetite, intrologic, and subcutaneous itsue disorders: hyperh

during pregnancy if the need for strong opioid analgesia justifies the potential risk to the fetus. Labor and Delivery: EMBEDA is not recommended for use in women during and immediately prior to labor, where shorter acting analgesics or other analgesic techniques are more appropriate. Occasionally, opioid analgesics morter acting analgesics or other analgesic techniques are more appropriate. Occasionally, opioid analgesics produced the strength, duration, and frequency of time contractions. However, this effect is not consistent and may be offset by an increased rate of cervical dilatation which tends to shorten labor. Neonates whose mothers received opioid analgesics during labor should be observed closely for signs of respiratory depression. A specific opioid antagonist, such as naloxone or nalmefene, should be available for reversal of opioid-induced respiratory depression in the neonate. Nursing Mothers: Morphine is excreted in the maternal milk, and the milk to plasma morphine AUC ratio is about 2.5:1. The amount of morphine received by the infant depends on the maternal plasma concentration, amount of milk ingested by the infant, and the extent of first pass metabolism. Withdrawal symptoms can occur in breast-feeding infants when maternal administration of morphine sulfate is stopped. Because of the potential for adverse reactions in nursing infants from EMBEDA, a decision should be made whether to discontinue unursing or discontinue the drug, taking into account the importance of the drug to the mother. Pediatric Use: The safety and efficacy of EMBEDA in individuals less than 18 years of age have not been established. Geriatric Use: Clinical studies of EMBEDA did not include sufficient numbers of subjects aged 65 and over to determine whether they respond differently from younger subjects. The not been established. **Genaris: Use:** Unificial studies of EMBEUA and not include sufficient numbers of subjects aged 65 and over to determine whether they respond differently from younger subjects. The pharmacokinetics of EMBEDA have not been investigated in elderly patients (>65 years) although such patients were included in clinical studies. In a long-term open label safety study, the pre-dose plasma morphine concentrations after dose normalization were similar for subjects <65 years and those ≥65 years of age. Other reported clinical experience has not identified differences in responses between the elderly and or uge. Orner reported currical experience has not identified arrierences in responses between the elderly and younger patients. In general, dose selection for an elderly patient should be cautious, usually starting at the low end of the dosing range, reflecting the greater frequency of decreased hepatic, renal, or cardiac function, and of concomitant disease or other drug therapy. **Neonatal Withdrawal Syndrome:** Chronic maternal use of opiates or opioids during pregnancy coexposes the fetus. The newborn may experience subsequent neonatal withdrawal syndrome (MWS). Manifestations of MWS include irritability, hyperactivity, obnormal class patients in high stirtod crust temper passing dispose quietal learner and failure are invitability. neonatal withdrawal syndrome (NWS). Manitestations of NWS include inribality, hyperactivity, abnormal sleep pattern, high-pitched cry, tremor, vomiting, diarrhea, weight loss, and failure to gain weight. The onset, duration, and severity of the disorder differ based on such factors as the addictive drug used, time and amount of mother's last dose, and rate of elimination of the drug from the newborn. Approaches to the treatment of this syndrome have included supportive care and, when indicated, drugs such as paregoric or phenobarbital. **Race:** Pharmacokinetic differences due to race may exist. Chinese subjects given intravenous morphine in one study had a higher clearance when compared to Caucasian subjects (1852 ± 116 mL/min versus 1495 ± 80 mL/min). **Hepatic Failure:** The pharmacokinetics of morphine was found to be significantly altered in individuals with alcoholic cirrhosis. The dearance was found to decrease with a corresponding increase. half-life. The morphine-3-glocuronide (M3G) and morphine-6-glocuronide (M6G) to morphine plasma AUC ratios also decreased in these patients indicating a decrease in metabolic activity. **Renal Insufficiency:** The pharmacokinetics of morphine is altered in renal failure patients. AUC is increased and dearance is decreased. The metabolites, M3C and M6G, accumulate several fold in renal failure patients compared with healthy subjects. Adequate str and woo, accombate several role in Herial table patients Computed With Herially Surjects. Adequate studies of maltrexone in patients with severe hepatic or renal impairment have not been conducted. **Breakthrough Pain/Adverse Experiences**: Patients should be advised to report episodes of breakthrough pain and adverse experiences occurring during therapy. Individualization of dosage is essential to make optimal use of this medication. **Mental and/or Physical Ability:** Patients should be advised that EMBEDA may impair mental and/or physical ability required for the performance of potentially hazardous tasks (e.g., driving, operating machinery). Patients storted on EMBEDA or whose dose has been changed should refrain from dangerous activity until it is established that they are not adversely affected [see Warnings and Precautions]

Avoidance of Alcohol or Other CNS Depressants: Patients should be advised that EMBEDA should Avoidance of Alconol of Orner CNS Depressants: Patients should be advised that EMBEDA should not be taken with alcohol, prescription or non-prescription medications containing alcohol, or other CNS depressants (sleeping medication, tranquilizers) except by the orders of the prescribing healthcare provider because dangerous additive effects may occur resulting in serious injury or death *[see Warnings and Precautions]*. Pregnancy: Women of childbearing potential who become or are planning to become pregnant, should consult their prescribing healthcare provider prior to initiating or continuing therapy with EMBEDA *[see Use in Specific Populations]*. Cessation of Therapy: Patients should be advised that if they have been receiving treatment with EMBEDA for more than a few weeks and cessation of therapy is indicated, it may be appropriate to taper the EMBEDA dose, rather than abruptly discontinue it, due to see indicated, it may be appropriate to taper the EMBEDA dose, rather than abruptly discontinue it, due to the risk of precipitating withdrawal symptoms. Their prescribing healthcare provider should provide a dods schedule to accomplish a gradual discontinuation of the medication. **Drug of Abuse:** Patients should be advised that EMBEDA is a potential drug of abuse. They should protect it from theft, and it should never be given to anyone other than the individual for whom it was prescribed *[see Warnings and Precautions]*. **Constipation:** Patients should be advised that severe constipation could occur as a result of taking EMBEDA and appropriate loxatives, stool softeners and other appropriate treatments should be initiated from the beginning of opioid therapy. **Storage/Destruction of Unused EMBEDA:** Patients should be instructed to keep EMBEDA in a secure place out of the reach of children. When EMBEDA is no longer needed, the unused capsules should be destroyed by flushing down the toilet.

#### FDA-Approved Patient Labeling

[See separate leaflet.]

Manufactured for: King Pharmaceuticals, Inc., 501 Fifth Street, Bristol, TN 37620

(Telephone: 1-800-776-3637)

by: Actavis Elizabeth LLC, 200 Elmora Avenue, Elizabeth, NJ 07207 USA EMBEDA is a trademark of Alpharma Pharmaceuticals LLC, a wholly owned subsidiary of King Pharmaceuticals,

To report SUSPECTED ADVERSE REACTIONS, contact King Pharmaceuticals, Inc. at 1-800-546-4905 or DSP@Kingpharm.com or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch

EMB6201

U.S. Patent Numbers: 5,202,128; 5,378,474; 5,330,766

June 2009

v. 1



## Be Realistic

The systematic review by Dr. Lai and his colleagues af-

firms the general notion that interventions for tobacco cessation provided by clinicians increase



abstinence rates, but also goes further to suggest that primary care physicians may be more effective than other clinicians.

This conclusion must be interpreted with caution because it is based upon two small studies. Even if the authors' conclusion are true, motivational interviewing is an incredibly powerful tool—but one with limited ability to be disseminated into primary care practices. The "crush of the practice" in primary care leaves only the optimistic and detached remaining hopeful that providers will be able to apply these skills with their patients who use tobacco.

A more realistic model is the AAR model in which busy clinicians Ask-Advise-Refer. The ideal role of motivational interviewing in primary care may be to overcome patient barriers to accepting referral to a tobacco treatment specialist or to picking up the phone and calling the tobacco quit line (800-QUITNOW).

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