

PBA (PseudoBulbar Affect) is a real, separate neurologic condition that causes sudden, frequent, uncontrollable episodes of crying and/or laughing that are exaggerated or don't match how you feel.

#### NUEDEXTA is proven to reduce PBA episodes

In a clinical trial, patients who took NUEDEXTA saw a significant reduction in PBA (PseudoBulbar Affect) episodes.

Average reduction after 12 weeks: 82 fewer episodes\*

Compared to baseline, patients taking placebo experienced 45% fewer episodes at Week 12 of the 12-week study.\*

#### Conditions that can cause PBA<sup>†</sup>

- ·Stroke
- · Alzheimer's Disease and Dementia
- · ALS (Lou Gehrig's Disease)
- · Multiple Sclerosis
- · Parkinson's Disease
- · Traumatic Brain Injury (TBI)

ASK YOUR DOCTOR ABOUT PBA AND NUEDEXTATODAY.

Talk to your doctor
about PBA and
treatment with NUEDEXTA

Touch for tips  $\, o$ 

Learn the differences between PBA and depression

Touch for the facts  $\, o \,$ 

Watch the NUEDEXTA
TV commercial

Touch for the video  $\longrightarrow$ 

\*Pioro EP, Brooks BR, Cummings J, et al. Dextromethorphan plus ultra low-dose quinidine reduces pseudobulbar affect. *Ann Neurol.* 2010;68:693-702. †This is not a complete list. Other neurologic conditions have also been associated with PBA.

#### What is NUEDEXTA® approved for?

- NUEDEXTA is approved for the treatment of PseudoBulbar Affect (PBA). PBA is a medical condition that causes involuntary, sudden, and frequent episodes of crying and/or laughing in people living with certain neurologic conditions or brain injury. PBA episodes are typically exaggerated or don't match how the person feels. PBA is distinct and different from other types of emotional changes caused by neurologic disease or injury.
- NUEDEXTA is only available by prescription.

#### IMPORTANT SAFETY INFORMATION

#### Before you take NUEDEXTA, tell your doctor:

- If you are taking monoamine oxidase inhibitors (MAOIs), quinidine, or quinidine-related drugs. These can interact with NUEDEXTA causing serious side effects. MAOIs cannot be taken within 14 days before or after taking NUEDEXTA.
- If you have previously had an allergic reaction to dextromethorphan, quinidine or quinidine-like drugs.
- About all medicines, herbal supplements, and vitamins you take as NUEDEXTA and certain other medicines can interact causing side effects.
- If you have had heart disease or have a family history of heart rhythm problems. NUEDEXTA may cause serious side effects, including changes in heart rhythm. If you have certain heart problems, NUEDEXTA may not be right for you. Your doctor may test your heart rhythm (heartbeats) before you start NUEDEXTA.
- If you have myasthenia gravis.

#### While taking NUEDEXTA, call your doctor right away:

- If you feel faint or lose consciousness.
- If you experience lightheadedness, chills, fever, nausea, or vomiting as these may be signs of an allergic reaction to NUEDEXTA.
  Hepatitis has been seen in patients taking quinidine, an ingredient in NUEDEXTA.
- If you have unexplained bleeding or bruising. Quinidine, an ingredient in NUEDEXTA, can cause a reduction in the number of platelets in your blood which can be severe and, if left untreated, can be fatal.
- If you feel dizzy, since it may increase your risk of falling.
- If you have muscle twitching, confusion, high blood pressure, fever, restlessness, sweating, or shivering, as these may be signs of a potential drug interaction called serotonin syndrome.

The most common side effects of NUEDEXTA are diarrhea, dizziness, cough, vomiting, weakness, and swelling of feet and ankles. This is not a complete list of side effects. Tell your doctor about any side effect that bothers you or does not go away.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 800-FDA-1088.

Touch to read full Prescribing Information





# PBA is not depression

PBA (PseudoBulbar Affect) is sometimes overlooked or mistaken for depression because episodes of crying are a key feature of depression too. While it is possible to have both, they should be diagnosed and treated separately.

PBA affects almost

# 2 MILLION

people in the US who have certain neurologic conditions or a brain injury.\* NUEDEXTA is the first and only treatment approved by the FDA to treat PBA (PseudoBulbar Affect).

TALK TO YOUR DOCTOR TODAY Touch for tips  $\rightarrow$ 

Learn more at NUEDEXTA.com

\*Work SS, Colamonico JA, Bradley WG, Kaye RE. Pseudobulbar affect: an under-recognized and under-treated neurological disorder. Adv Ther. 2011;28:586–601.

# Key differences between PBA and depression



#### **EPISODE CONTROL**

With PBA, crying and/or laughing episodes are uncontrollable.

With depression, crying can be voluntarily controlled or managed.



#### **EXPRESSION VS FEELINGS**

With PBA, crying and/or laughing is exaggerated or doesn't match feelings. With depression, outward expressions match feelings.



With PBA, crying and/or laughing episodes may last seconds to minutes. With depression, symptoms may last weeks to months.

#### What is NUEDEXTA® approved for?

- NUEDEXTA is approved for the treatment of PseudoBulbar Affect (PBA). PBA is a medical condition that causes involuntary, sudden, and frequent episodes of crying and/or laughing in people living with certain neurologic conditions or brain injury. PBA episodes are typically exaggerated or don't match how the person feels. PBA is distinct and different from other types of emotional changes caused by neurologic disease or injury.
- NUEDEXTA is only available by prescription.

#### IMPORTANT SAFETY INFORMATION

#### Before you take NUEDEXTA, tell your doctor:

- If you are taking monoamine oxidase inhibitors (MAOIs), quinidine, or quinidine-related drugs. These can interact with NUEDEXTA causing serious side effects. MAOIs cannot be taken within 14 days before or after taking NUEDEXTA.
- If you have previously had an allergic reaction to dextromethorphan, quinidine or quinidine-like drugs.
- About all medicines, herbal supplements, and vitamins you take as NUEDEXTA and certain other medicines can interact causing side effects.
- If you have had heart disease or have a family history of heart rhythm problems. NUEDEXTA may cause serious side effects, including changes in heart rhythm. If you have certain heart problems, NUEDEXTA may not be right for you. Your doctor may test your heart rhythm (heartbeats) before you start NUEDEXTA.
- If you have myasthenia gravis.

#### While taking NUEDEXTA, call your doctor right away:

- If you feel faint or lose consciousness.
- If you experience lightheadedness, chills, fever, nausea, or vomiting as these may be signs of an allergic reaction to NUEDEXTA.
  Hepatitis has been seen in patients taking quinidine, an ingredient in NUEDEXTA.
- If you have unexplained bleeding or bruising. Quinidine, an ingredient in NUEDEXTA, can cause a reduction in the number of platelets in your blood which can be severe and, if left untreated, can be fatal.
- If you feel dizzy, since it may increase your risk of falling.
- If you have muscle twitching, confusion, high blood pressure, fever, restlessness, sweating, or shivering, as these may be signs of a potential drug interaction called serotonin syndrome.

The most common side effects of NUEDEXTA are diarrhea, dizziness, cough, vomiting, weakness, and swelling of feet and ankles. This is not a complete list of side effects. Tell your doctor about any side effect that bothers you or does not go away.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 800-FDA-1088.

Touch to read full Prescribing Information





## Talk to your doctor about PBA today

PBA (PseudoBulbar Affect) episodes can be embarrassing and frustrating, and the condition is often misunderstood. You might be worried about revealing your symptoms to your doctor. But it's OK to talk about PBA.

During this visit, tell your doctor about your episodes, even if they've been embarrassing. Just let your doctor know what you're going through.

Ask your doctor these two questions:

#### 1 Could I have PBA?

- Explain how your unpredictable crying and/or laughing episodes are bothering you and the people around you
- · Let your doctor know you understand PBA is a separate condition that can be treated

### 2 Could NUEDEXTA be the right treatment for me?

- Explain the ways reducing these episodes would help you
- Ask about possible side effects of NUEDEXTA

#### Remember, you are your best advocate.

The more details you can provide, the easier it will be for your doctor to understand how much PBA is affecting your life. Be specific and don't hold back.

#### Ask about reducing PBA episodes with NUEDEXTA

If your doctor diagnoses you with PBA (PseudoBulbar Affect), ask about NUEDEXTA, the first and only treatment approved by the FDA to treat PBA.

#### What is NUEDEXTA® approved for?

- NUEDEXTA is approved for the treatment of PseudoBulbar Affect (PBA). PBA is a medical condition that causes involuntary, sudden, and frequent episodes of crying and/or laughing in people living with certain neurologic conditions or brain injury. PBA episodes are typically exaggerated or don't match how the person feels. PBA is distinct and different from other types of emotional changes caused by neurologic disease or injury.
- NUEDEXTA is only available by prescription.

#### IMPORTANT SAFETY INFORMATION

#### Before you take NUEDEXTA, tell your doctor:

- If you are taking monoamine oxidase inhibitors (MAOIs), quinidine, or quinidine-related drugs. These can interact with NUEDEXTA causing serious side effects. MAOIs cannot be taken within 14 days before or after taking NUEDEXTA.
- If you have previously had an allergic reaction to dextromethorphan, quinidine or quinidine-like drugs.
- About all medicines, herbal supplements, and vitamins you take as NUEDEXTA and certain other medicines can interact causing side effects.
- If you have had heart disease or have a family history of heart rhythm problems. NUEDEXTA may cause serious side effects, including changes in heart rhythm. If you have certain heart problems, NUEDEXTA may not be right for you. Your doctor may test your heart rhythm (heartbeats) before you start NUEDEXTA.
- If you have myasthenia gravis.

#### While taking NUEDEXTA, call your doctor right away:

- If you feel faint or lose consciousness.
- If you experience lightheadedness, chills, fever, nausea, or vomiting as these may be signs of an allergic reaction to NUEDEXTA.
  Hepatitis has been seen in patients taking quinidine, an ingredient in NUEDEXTA.
- If you have unexplained bleeding or bruising. Quinidine, an ingredient in NUEDEXTA, can cause a reduction in the number of platelets in your blood which can be severe and, if left untreated, can be fatal.
- If you feel dizzy, since it may increase your risk of falling.
- If you have muscle twitching, confusion, high blood pressure, fever, restlessness, sweating, or shivering, as these may be signs of a potential drug interaction called serotonin syndrome.

The most common side effects of NUEDEXTA are diarrhea, dizziness, cough, vomiting, weakness, and swelling of feet and ankles. This is not a complete list of side effects. Tell your doctor about any side effect that bothers you or does not go away.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 800-FDA-1088.

Touch to read full Prescribing Information

