

Capital Markets Day

February 16, 2023



Forward-Looking Statements

Statements contained in this presentation regarding matters that are not historical facts are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Examples of these forward-looking statements include statements concerning the Company's ability to successfully commercialize KORSUVA injection and Kapruvia, future revenue and profit share from sales of KORSUVA and Kapruvia, planned future regulatory submissions and potential future regulatory approvals, future product launches, the performance of the Company's commercial partners, including CSL Vifor, expected timing of the initiation, enrollment and data readouts from the Company's planned and ongoing clinical trials, the potential results of ongoing clinical trials, timing of future regulatory and development milestones for the Company's product candidates, the potential for the Company's product candidates to be alternatives in the therapeutic areas investigated and the potential for oral difelikefalin to address additional pruritic indications, the size and growth of the potential markets for pruritus management, and the Company's expected cash reach. Because such statements are subject to risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. These risks and uncertainties include the risks inherent in the launch of new products, including that our commercial partners, including CSL Vifor, may not perform as expected, risks inherent in the clinical and regulatory development of pharmaceutical products, and the risks described more fully in Cara Therapeutics' filings with the Securities and Exchange Commission, including the "Risk Factors" section of the Company's Annual Report on Form 10-K for the year ending December 31, 2021 and its other documents subsequently filed with or furnished to the Securities and Exchange Commission, including its Form 10-Q for the guarter ended September 30, 2022. All forward-looking statements contained in this presentation speak only as of the date on which they were made. Cara Therapeutics undertakes no obligation to update such statements to reflect events that occur or circumstances that exist after the date on which they were made, except as required by law.



Today's Speakers



Christopher A. Posner CEO, President and Director



Joana Goncalves, MD
Chief Medical Officer



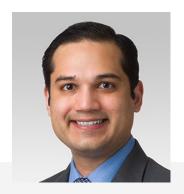
Eric VandalSVP, Commercial



Joel Topf, MD, FACP St. Clair Nephrology Research Roseville, MI



Jennifer Scherer, MD, MS
NYU Langone Health
New York, NY



Raj Chovatiya, MD, PhD, FAAD Northwestern University Chicago, IL



Agenda



- Dialysis-Dependent CKD-aP: Spotlight on KORSUVA Injection
 Joel Topf, MD, FACP, St. Clair Nephrology Research in Roseville, MI
 Eric Vandal, SVP, Commercial, Cara Therapeutics
- Pre-Dialysis CKD-aP: Assessing the Unmet Medical Need Jennifer Scherer, MD, MS, NYU Langone Health in New York, NY
- 4 Nephrology Q&A Session
- Atopic Dermatitis: Segmenting the Market
 Raj Chovatiya, MD, PhD, FAAD, Northwestern University in Chicago, IL
- Notalgia Paresthetica: Background & Trial Design
 Raj Chovatiya, MD, PhD, FAAD, Northwestern University in Chicago, IL
 Joana Goncalves, MD, Chief Medical Officer, Cara Therapeutics
- Medical Dermatology Q&A Session
- 8 Closing Remarks & Management Q&A Session





Introductory Remarks

Christopher Posner, CEO, President and Director, Cara Therapeutics

Our Mission:

To be the leader in the treatment of chronic pruritus with a vision to transform the way pruritus is treated and improve the quality of life for millions of people who suffer.



Difelikefalin, a Pipeline in a Product

First-in-class selective and potent kappa opioid receptor agonist

Unique Chemical Structure and Features

- Synthetic peptide made of non-natural amino acids
- High hydrophilicity, high polar surface area and charge at physiological pH
- Does not readily cross the blood-brain-barrier

Differentiated MOA

- Acts on KORs on peripheral terminals of sensory nerves and immune cells
- Works downstream potentially as broad spectrum antipruritic

Attractive Pharmacology

- Highly selective and potent full agonist at KORs
- Does not produce classical mu opioid side effects (e.g., euphoria, addiction and respiratory depression)
- Non-scheduled drug

Strong Clinical Data in Multiple Therapeutic Areas

- IV formulation approved for CKD-aP in hemodialysis patients
- Oral formulation has shown positive clinical data in the treatment of chronic pruritus
 - CKD-aP in pre-dialysis patients
 - Atopic Dermatitis
 - Notalgia Paresthetica





Focus on Moderate to Severe Chronic Pruritus

NEPHROLOGY

Advanced CKD Hemodialysis

APPROVED

~ 200K patients undergoing hemodialysis (HD) suffer from moderate-to-severe chronic pruritus

KORSUVA injection is the first-and-only product approved to help these patients.

Advanced CKD Pre-Dialysis

PHASE 3

~ 300K patients with stage 4-5 advanced CKD suffer from moderate-to-severe chronic pruritus

There are no approved therapies.

DERMATOLOGY

Atopic Dermatitis

PHASE 3

~ 3M mild-to-moderate patients with Atopic Dermatitis (AD) suffer from moderate-to-severe chronic pruritus

Chronic pruritus is one of the defining features of AD.

Notalgia Paresthetica

PHASE 2/3

~ 650K patients with Notalgia Paresthetica (NP) are in the care of a healthcare provider for moderate-to-severe chronic pruritus

There are no approved therapies.





Dialysis-Dependent CKD-aP: Spotlight on KORSUVA Injection

Joel Topf, MD, FACP

Medical Director, St. Clair Nephrology Research
Assistant Clinical Professor of Medicine, Oakland University William Beaumont School of Medicine

Eric Vandal

SVP, Commercial, Cara Therapeutics

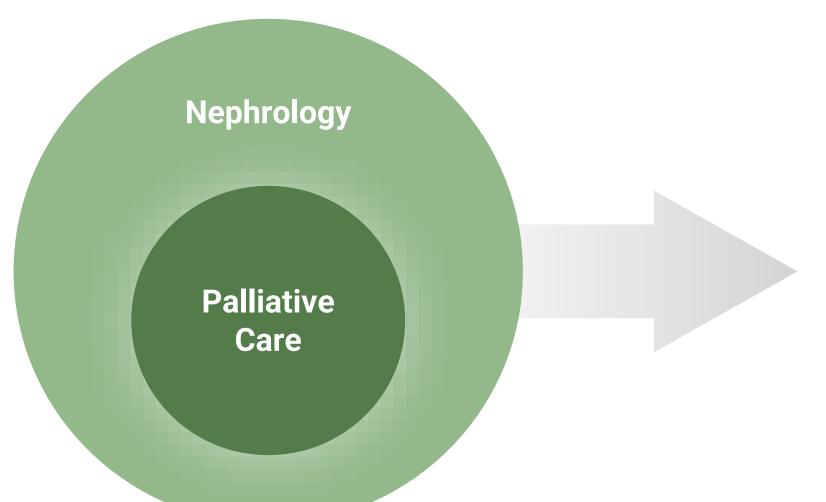


Pre-Dialysis CKD-aP: Assessing the Unmet Medical Need

Jennifer Scherer, MD, MS

Assistant Professor, NYU Grossman School of Medicine Director, Kidney CARES Program, NYU Langone Health Medical Director, River Renal Dialysis Center

Kidney Palliative Care Clinical Model



KIDNEY CARES PROGRAM

AT NYU LANGONE
NEPHROLOGY ASSO<u>CIATES</u>

Providing

Comprehensive

Advanced

Renal Disease and

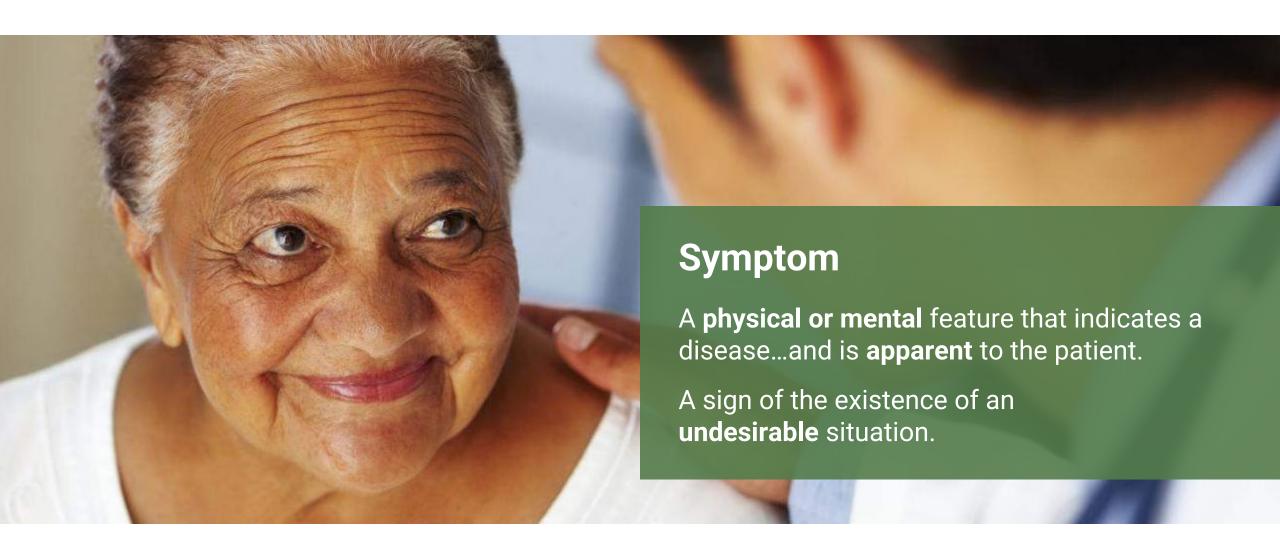
ESRD

Support





Why is CKD-aP Important?





Patient Presentation

- 88-year-old male with coronary heart disease, hypertension CKD stage V, GFR=11 who has decided against dialysis.
- Referred for management of kidney disease with out dialytic therapies.
- On symptom assessment, he reports being mildly bothered by itch and poor sleep.
- However, during history, he was not able to sit still—scratching all four of his extremities intermittently.
- Upon further inquiry, his itch is worse than he had rated it on the survey and does state that he feels itch "most of the day" and this is what keeps him up at night.
- On exam, multiple excoriations and noticeable dry skin
- Did not want drug therapy, worried about interactions and said he doesn't bother him enough



Patient Presentation - Continued

- Referred to dermatology and asked him to use lipid-based moisturizer.
- Came back in one month, no change, now more aware of how much the itch is impacting his day. Agreed to a trial of medication.
- Started gabapentin 100 mg every other day at night.
- Followed up in two weeks, sleep had improved, itch was only slightly better, but he
 was experiencing dizziness and drowsiness from the gabapentin, worried about
 falls, so it was discontinued.
- Managed his sleep with other interventions, itch was never able to be fully controlled.



Chronic Kidney Disease Progression

Symptoms can begin to appear

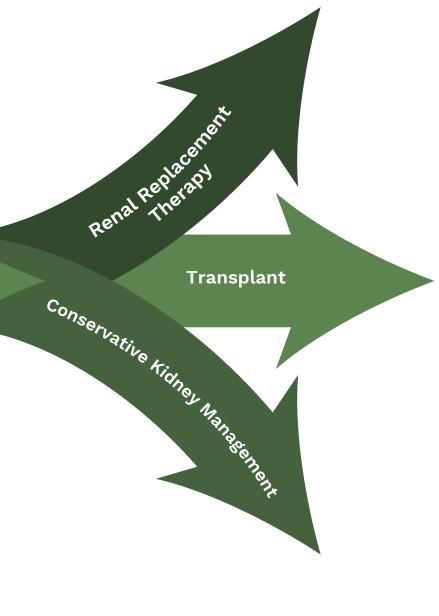
CKD Stage III
GFR=60-30

Stage IV GFR=30-15

Stage V GFR=<15

Common Symptoms:

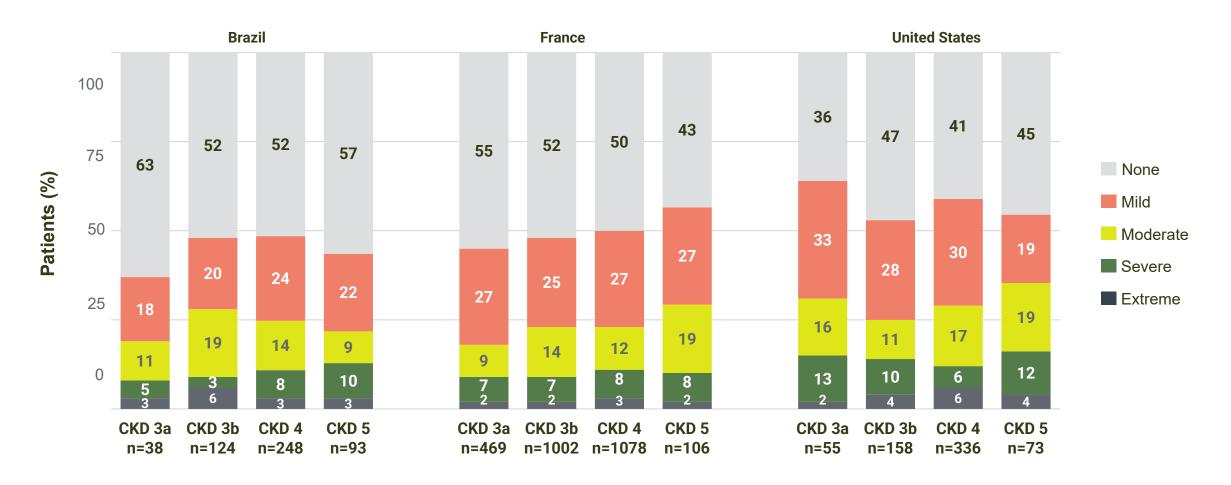
- Itching
- Fatigue
- Poor Sleep
- Drowsiness
- Anxiety and Depression
- Dyspnea
- Sexual Dysfunction
- Pain
- Restless Legs Syndrome





Pruritus Is a Common Issue Across Countries and CKD Stages

Pruritus was a common issue across countries and CKD stages (3-5) in the CKD Outcomes and Practice Patterns Study (CKDopps)

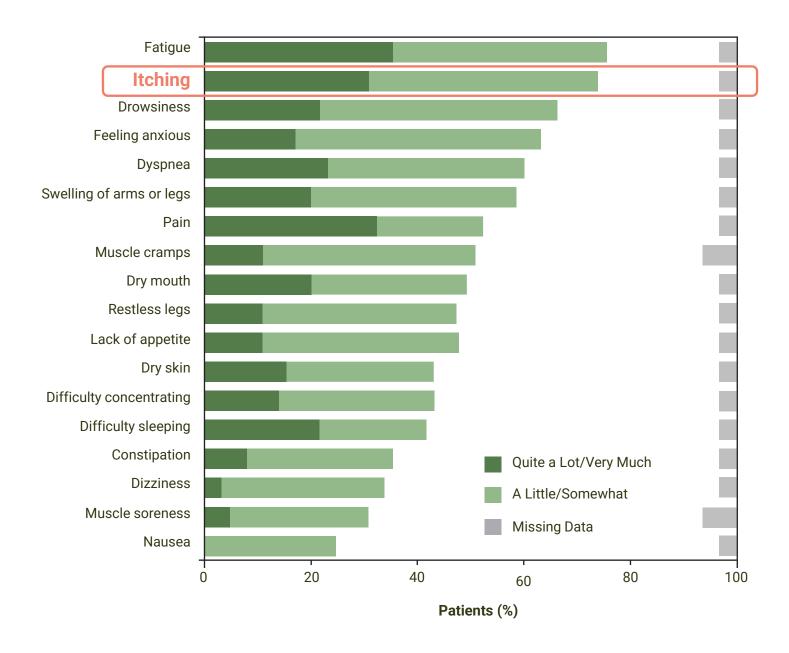




Pruritus is a Common Symptom in NDD-CKD Patients

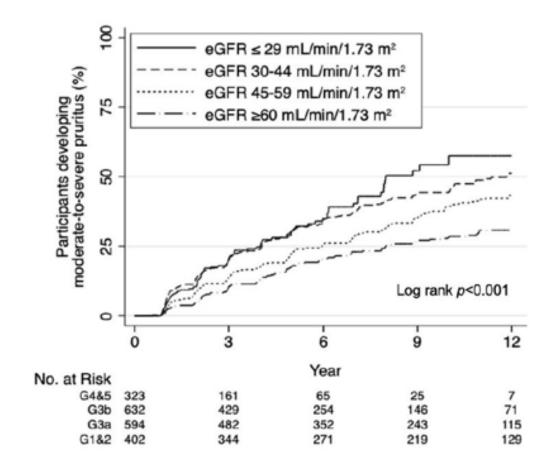
Itching was the second most prevalent symptom among a cohort of patients with NDD-CKD stage 5 in the United Kingdom (n=66)

- 74% of patients reported itching
- 32% of patients were distressed "quite a lot" or "very much" by itching





Incidence of Pruritus in NDD-CKD Patients



N=3685, mean eGFR=44ml/min^2 42% had Pruritus at Baseline

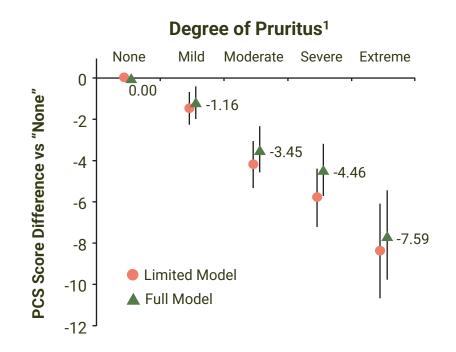
- Symptoms worsened by 1-2 points with each decrease of 5 ml/min/1.73m²
- 1 in 4 CKD stage IV-V patients will develop moderate to severe pruritus in 4 years

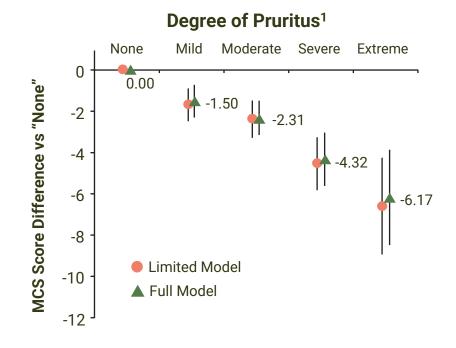


Physical and Mental Health Impact of Pruritus in NDD-CKD Patients

Pruritus severity is associated with reduced physical and mental health in NDD-CKD stage 3-5 patients¹

A 3- to 5-point change in Physical Component Score (PCS) or Mental Component Score (MCS) is considered clinically significant^{2,3}

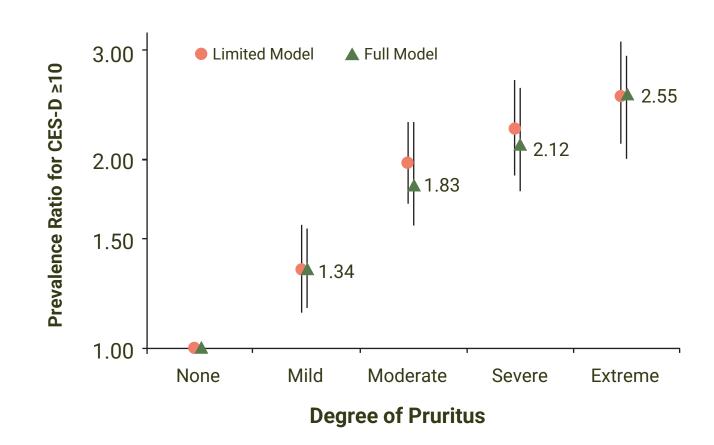






Depression and Pruritus in NDD-CKD Patients

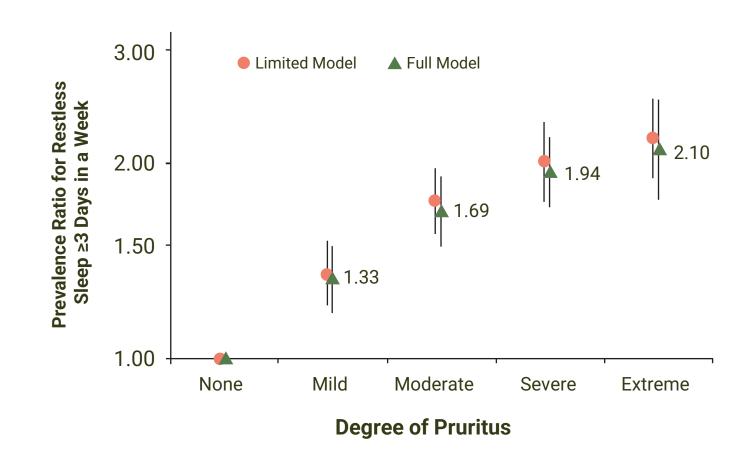
- Symptoms of depression increase with pruritus severity in NDD-CKD stage 3-5 patients
- Patients with moderate-toextreme pruritus are
 1.8-2.5 times more likely to experience symptoms of depression





Sleep Quality and Pruritus in NDD-CKD Patients

- Frequency of restless sleep increases with pruritus severity in NDD-CKD stage 3-5 patients
- Patients with moderate-toextreme pruritus are
 ~1.7-2.1 times more likely to have restless sleep





Multifactorial Pathogenesis Proposed for Pruritus in CKD

Implicated toxins¹⁻⁵

Vitamin A, aluminum, calcium, phosphorus, magnesium

Abnormalities related to uremia

Peripheral neuropathy

Abnormal nerve conduction^{1,3,5-6}

Pattern of cutaneous innervation

Nerve conduction studies

Imbalanced mu- and kappaopioid receptor activity^{1-5, 7}

• endorphins (mu-opioid agonist)

 Endogenous opioid dysregulation

Immune system dysregulation

Pro-inflammatory state^{1-5, 8}

↑ T-helper 1 cells, C-reactive protein, interleukin (IL)-6, IL-2





CKD-aP Treatment Options

Barriers to Identification

- Related to kidney disease or a separate chronic systemic condition
- Other possible causes
- Widely variable clinical presentations
- Under reported



How Do We Treat Pruritus in CKD Patients?

- » Establish treatment goals with the patient
- » Keep skin hydrated, keep cool
- » Start with topical/least systemic effects: lotions/creams/ointments
- » Can add medicated lotion (Pramoxine) or topical steroids
- » Off-label use of Gabapentinoids
- » Second line agents such as off-label paroxetine, sertraline
- » Regular and consistent reassessment



Limitations of Current Treatments



Overall limited

Often recommended algorithms do not provide relief

Patients often experience side effects

Clinical situation often makes you more worried about side effects, especially around fall risks for older adults.



Key Takeaways

- Pruritus is a common and burdensome condition for CKD pre-dialysis patients
- Pruritus can impact CKD patients' physical and mental health
- Current treatment options are off-label and have limitations
- There is a significant unmet need for a new therapy to treat pruritus in CKD pre-dialysis patients





Atopic Dermatitis: Segmenting the Market

Raj Chovatiya, MD, PhD, FAAD

Assistant Professor of Dermatology, Director of the Center for Eczema and Itch, Medical Director of the Clinical Trials Unit Northwestern University Feinberg School of Medicine

Clinical Case

John is a 35-year-old with atopic dermatitis

- Present since childhood and he feels it's getting worse over time
- He recalls being covered with thick, red scaly patches on his face, neck, arms and legs when he was younger
- These days he notes mostly dry skin as an adult and occasional small pink patches on his hands, wrists, ankles, and feet
- He experiences itch constantly and hasn't sleep well in years (this has gotten worse)
- His AD gets in the way of his work as delivery driver
- His current regimen includes 2 antihistamines, 2 topical steroids, 1 topical calcineurin inhibitor, occasional oral steroids, occasional oral antibiotics



Is This "Severe" AD?





What Does "Severe" AD Actually Mean?

- Large plaques
- Hand and foot involvement
- Erythema and lichenification
- High body surface area
- ↑↑↑ Itch, sleep issues

- Asthma, seasonal rhinosinusitis, food allergies
- Getting worse over time
- Unable to go to work
- Topical vs. systemic treatment
- Skin not clear after treatment



The Heterogeneity of AD



AD Severity is a Multi-layered Concept

| esion | distribution | |
|-------|--------------|--|
| | | |

Lesion morphology

Extent

Intensity

Symptoms

Long-term course

Burden

Comorbidities

Treatment choice

Treatment response



Despite Our Best Efforts, AD is Not One-size Fits All

















Clinical Descriptions of AD



Understanding Severity Requires Multiple Perspectives

Patient

Long-term course:

Onset, recurrence, persistence, flares

Symptoms:

Itch (and more)

Burden:

Quality-of-life

Clinician

Morphology:

Common and uncommon phenotypes

Intensity:

Redness, edema, excoriation, lichenification

Extent:

Total body skin exam

Combined

Comorbidities:

ROS, PMHx

Treatment Selection and Response:

Shared-decision making



Severity is Often Assessed from the Clinician Perspective

Patient

Long-term course:

Onset, recurrence, persistence, flares

Symptoms:

Itch (and more)

Burden:

Quality-of-life

Clinician

Morphology:

Common and uncommon phenotypes

Intensity:

Redness, edema, excoriation, lichenification

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Total body skin exam

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ROS, PMHx

Treatment Selection and Response:

Shared-decision making



Physicians and Patients Rate AD Severity Differently

Disparities exist between patients' and physicians' ratings of AD severity

Physician- vs. patient-reported severity of atopic dermatitis

| Physician-reported severity | Patient-rep | Row total, n (%) | | |
|-----------------------------|-------------|------------------|-----------|------------|
| | Mild | Moderate | Severe | |
| Mild | 134 | 39 | 2 | 175 (25.8) |
| Moderate | 99 | 270 | 35 | 404 (59.6) |
| Severe | 4 | 34 | 61 | 99 (14.6) |
| Column total, n (%) | 237 (35.0) | 343 (50.6) | 98 (14.5) | 678 (100) |

Severity ratings were discordant in about one-third of patients



The Signs of AD Don't Tell the Whole Story

Patients with mild or moderate AD may experience persistent, bothersome symptoms

Itch

 Patients with mild AD may still experience severe itch¹

Quality of Life

 Over one-third of adults with mild AD report lifestyle limitations²

Mental Health

- 27% of patients with mild AD report significant anxiety/depression³
- Patients with mild AD may report similar mental health burden as patients with moderate or severe AD^{4,5}



Understanding Severity Requires Both Patient & Clinician Perspectives

Patient

Long-term course:

Onset, recurrence, persistence, flares

Symptoms:

Itch (and more)

Burden:

Quality-of-life

Clinician

Morphology:

Common and uncommon phenotypes

Intensity:

Redness, edema, excoriation, lichenification

Extent:

Total body skin exam

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Comorbidities:

ROS, PMHx

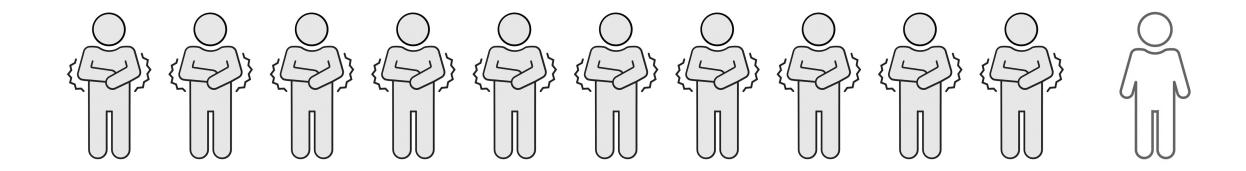
Treatment Selection and Response:

Shared-decision making



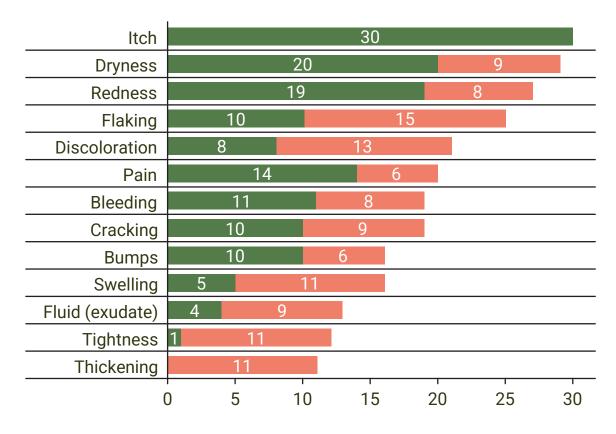
Itch Presents a Daily Challenge for AD Patients

9 out of 10 Patients with AD Complain of Daily Itching





Itch is the Most Prevalent Symptom in AD



Up to 100% of AD patients spontaneously report itch^{1,2}

• 60% of AD patients report their itch is severe to very severe^{3*}

Number of participants reporting symptom

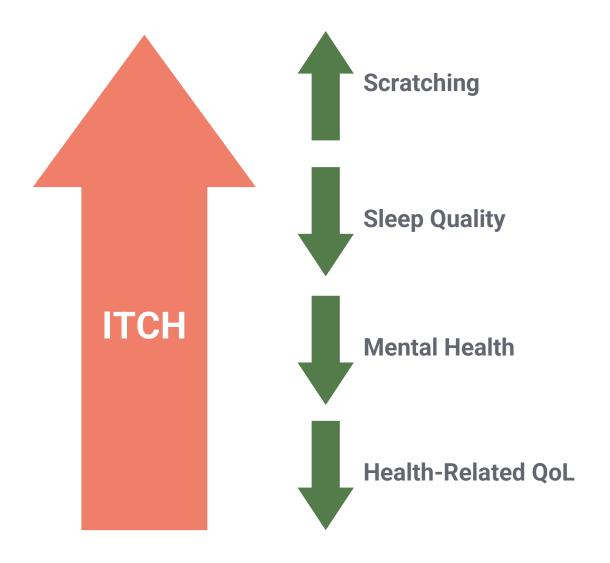
■ Spontaneous ■ Probed



Symptom

Pruritus Drives Quality of Life Impairment in AD

- Patients with AD spend up to 14% of their sleep time scratching¹
- Increased pruritus is correlated with reduced sleep quality² and decreased QoL in patients with AD^{3,4}
- Severe itch is associated with impaired mental health¹





Itch Defines Important Clinical Subtypes of AD – Especially Mild-Moderate Lesions

- A recent study categorized patients with AD according to lesion severity and average itch intensity¹
 - 592 adults with mild-severe AD undergoing standard-of-care treatment over a two-year period
 - Mild-moderate itch and lesions (MI-ML), mild-moderate itch and severe lesions (MI-SL), severe itch and mild-moderate lesions (SI-ML), and severe itch and lesions (SI-SL)
- Most patients had mild-to-moderate lesions and matching mild-to-moderate itch severity¹
- The second most common subset had mild-to-moderate lesions with severe itch (itch-dominant AD)¹

Itch-Dominant AD

Mild-Moderate Lesions Severe Itch

25%

Mild-Moderate Lesions Mild-Moderate Itch

61%

Severe Lesions
Severe Itch

9%

Severe Lesions Mild-Moderate Itch

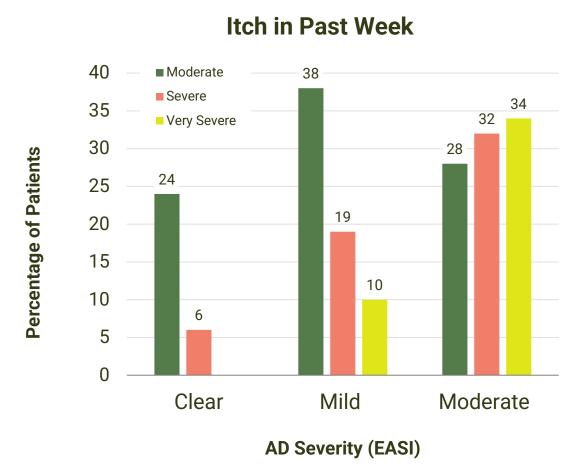
5%

Lesion Severity



Lesional Severity is not Directly Proportionate to Itch

- Itch is present across all spectrums of AD¹
- Moderate to severe pruritus is very common in patients with mild to moderate lesions¹
- Pruritus is also common in AD patients with clear skin¹





Itch Severity Is Only Weakly to Moderately Correlated with Lesional Severity and Extent

| Itch severity | Spearman correlations (rho) | | | | | | |
|------------------|-----------------------------|----------|------|---------|---------------|--|--|
| | EASI | O-SCORAD | BSA | vIGA-AD | vIGA-AD × BSA | | |
| NRS worst itch | 0.61 | 0.60 | 0.56 | 0.32 | 0.53 | | |
| NRS average itch | 0.61 | 0.62 | 0.57 | 0.40 | 0.56 | | |
| SCORAD itch | 0.53 | 0.50 | 0.49 | 0.39 | 0.48 | | |



Patients with Severe Itch and Milder Lesions May Not Be Adequately Treated

% of patients initiated advanced systemic therapy for their AD

- Severe Itch Severe Lesions: 57.8% 66.7%
- Mild Itch Severe Lesions: 53.9% 57.7%
- Severe Itch Mild Lesions: 30.8% 32.0%



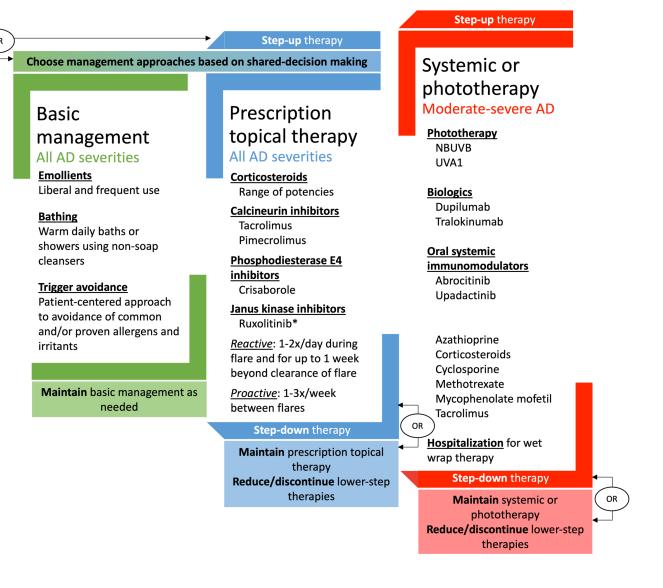
Does This Have Implications for Treatment?



Heterogeneous Clinical Domains Contribute to a Dynamic and Stepwise Treatment Approach

Issues with this Approach:

- Differences in criteria
- Different treatments at different steps
- No singular definition of severity





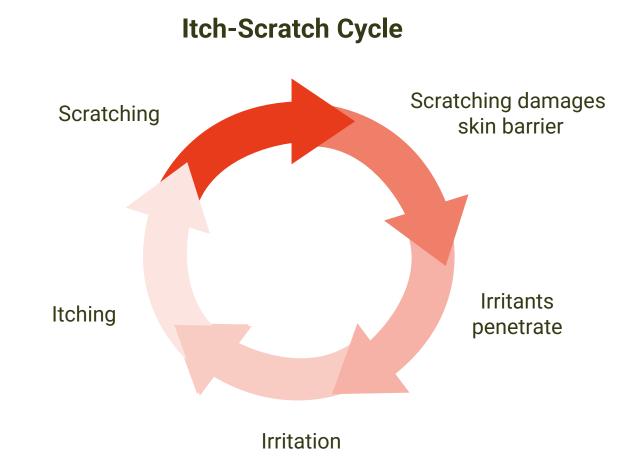
Where Does this Leave Itch-Dominant Patients?

- Highly pruritic patients experience a high QoL impact¹
- Increased itch triggers and flares are characteristic of patients with itchdominant AD¹
 - Avoidance of all itch triggers may not be possible
- Patients with itch-dominant AD are frequently only treated with topicals^{1,2}
- Step-up therapy may be required for disease control in patients with itchdominant AD¹
 - Less than one-third patients with severe itch and mild-to-moderate lesions are treated with systemic therapies



Could Itch-Targeting Systemic Agents Be Appropriate for Itch-Dominant Patients?

- Topical agents may not be sufficient to control itch, especially in nonlesional skin
- Alleviating itch may:^{1,2}
 - Stop the itch-scratch cycle, thus reducing skin damage and potential for microbial infection
 - Improve sleep
 - Improve QoL





Key Takeaways

 AD is a common but heterogeneous inflammatory skin condition that cannot be fully evaluated by clinician assessment alone

- Evaluation of lesions and itch together reveal clinically relevant subsets of disease
 - namely itch dominant AD

 The next generation of AD treatments should be designed to selectively target and treat relevant disease pathways





Notalgia Paresthetica: Background

Raj Chovatiya, MD, PhD, FAAD

Assistant Professor of Dermatology, Director of the Center for Eczema and Itch, Medical Director of the Clinical Trials Unit Northwestern University Feinberg School of Medicine

Etiologies of Chronic Pruritus

Defined as an unpleasant sensation of the skin that provokes the urge to scratch, with symptoms present for more than 6 weeks¹

Inflammatory pruritus

- Atopic dermatitis
- Psoriasis
- Lichen planus
- Prurigo nodularis

Neuropathic

- Notalgia paresthetica
- Brachioradial pruritus
- Post-herpetic neuralgia

Systemic pruritus

- Chronic kidney disease
- Primary biliary cholangitis
- Hyperthyroidism

Other etiologies of pruritus

- Pruritus in elderly
- Drug-induced (checkpoint inhibitors²)
- Pruritus of unknown origin

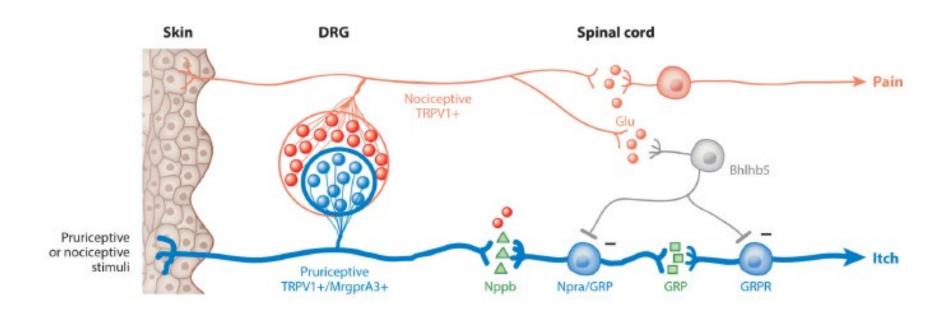


Characteristics of Neuropathic Pruritus

- Neuropathic pruritus pruritus caused by neuronal or glial damage, which plays a role in pruritic signal transduction¹
- The prevalence of pruritus in the general population varies from 8% to 38% worldwide, with lifetime prevalence ranging from 23% to 26%²
 - Neuropathic pruritus represents approximately 8% of total cases of chronic pruritus³
- Most often accompanied by sensory damage experienced as pain, allodynia, paresthesia, hyperesthesia, or hypothesia^{1,4}
 - Peripheral and central sensitization of nerve fibers induces alloknesis, common in neuropathic itch
 - Patients may also experience burning, tingling, and stinging
- Neuropathic pruritus can be caused from local nerve fiber compression, or localized or generalized nerve fiber degeneration affecting different neuronal structures in the PNS or CNS¹



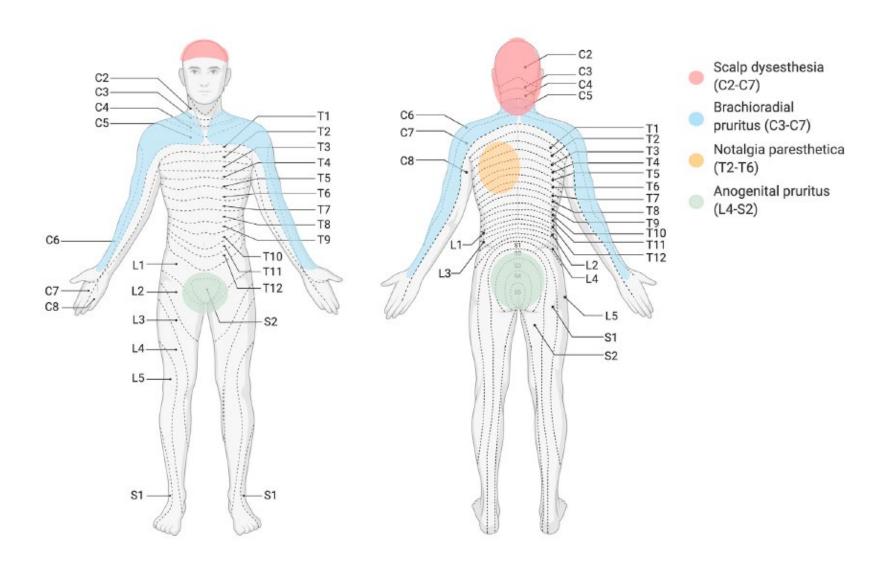
Transmission of Itch Signals from the Skin to the Brain



- Itch signals are transmitted by both itch & pain sensitive neurons from periphery into the dorsal root ganglia (DRG)¹
- From the DRG, the signal is carried through various interneurons within the spinal cord^{1,2}
- Itch signals are then processed in the thalamus and parabrachial nucleus in the brainstem²
- Trauma to the spinal cord or spinal nerves can alter itch transmission³



Pathogenesis of Neuropathic Itch Disorders





Clinical Case

Jane is a 55-year-old with chronic pruritus

- Itch for the past 2 years on the upper back
- Never had an issue with skin / itch in the past
- Rarely able to focus during the day or sleep well at night
- Tried a variety of over-the-counter treatments marketed as "anti-itch" but generally experienced dryness or irritation
- Has seen several specialists, including one who told her that the itch is "in her head"
- Has tried five different topical corticosteroids without any improvement
- The most recent treatment she tried was prescription oral medication that made her drowsy and lose focus in her work as an accountant



What is Notalgia Paresthetica (NP)?

- NP is a common, yet under-recognized neuropathic itch disorder¹
- May be caused by damage to the cutaneous branches of the dorsal rami of the thoracic spinal nerves (T2-T6)²
- May present to a range of specialists due to variable symptoms but most commonly seen by dermatologists³
- Resistant to many commonly used anti-pruritic therapies such as antihistamines and topical corticosteroids³



Clinical Presentation

- Characterized by recurrent, localized itching in the interscapular and paravertebral regions¹
- May be accompanied by pain, tingling, burning, or other hyperesthesias or parethesias²
- Excessive scratching leads to hyper- or hypo-pigmentation or lichenification²
- More common in women²
- Mean age of onset 50-60 years²





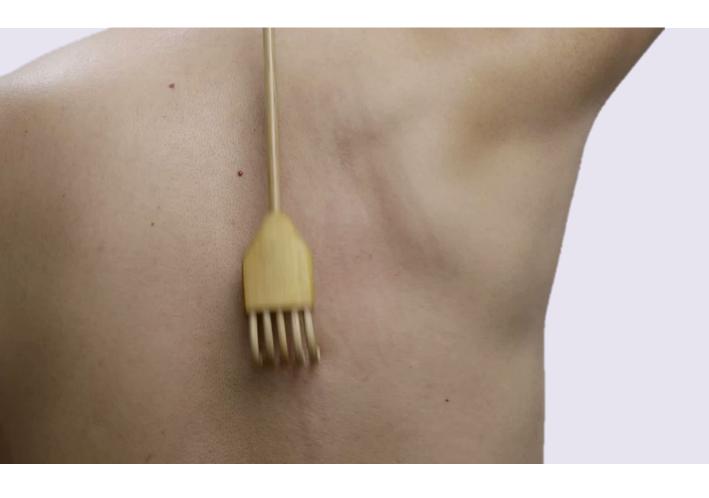
Impact of Itch in NP Patients

 Itch in NP is bothersome and may affect emotions, mood, or self-care practices (needing back scratchers at home or when traveling)¹

 Some patients report difficulty sleeping or staying asleep, although sleep may be less disturbed in NP compared to other neuropathic itch conditions^{1,2}



Limitations to Treatments



- There are no approved therapies for NP and no professional guidelines
- Current off-label therapies have little evidence and have tolerability limitations
- Application site makes topicals impractical in most cases



Current Off-Label Treatment Options

- Often resistant to multiple therapies
- Conventional antipruritic therapies (i.e., antihistamines, topical corticosteroids) show poor effect
- Capsaicin and gabapentin commonly used treatments by dermatologists
- Other anecdotal off-label therapies:
 - Topical anesthetics
 - Tacrolimus
 - Intralesional steroids
 - Botulinum toxin A
 - Oxcarbazepine
 - Amitriptyline

- Surgical decompression
- Paravertebral local anesthetic blocks
- Transcutaneous electrical nerve stimulation (TENS)
- Electrical Muscle Stimulation (EMS)
- UV-B

- Spinal manipulation
- Physical therapy
- Osteopathic manipulative therapy
- Acupuncture
- Cryotherapy



Key Takeaways

- Notalgia Paresthetica is common, yet under-recognized and under-diagnosed
- Pruritus is bothersome to patients and may impair normal activities
- Treatment is challenging
 - Traditional anti-pruritic therapies are ineffective
 - Off-label therapies like capsaicin and gabapentin are effective in some patients but may have tolerability limitations
- There is a need for additional safe and effective therapies





Pruritus in Notalgia Paresthetica: Trial Design

Joana Goncalves, MD
Chief Medical Officer, Cara Therapeutics

Difelikefalin for Pruritus in Notalgia Paresthetica (NP)

Estimated >650K patients currently treated for NP^{1, 3-5}

No FDA-approved treatments; off label treatments are either ineffective or have tolerability issues²

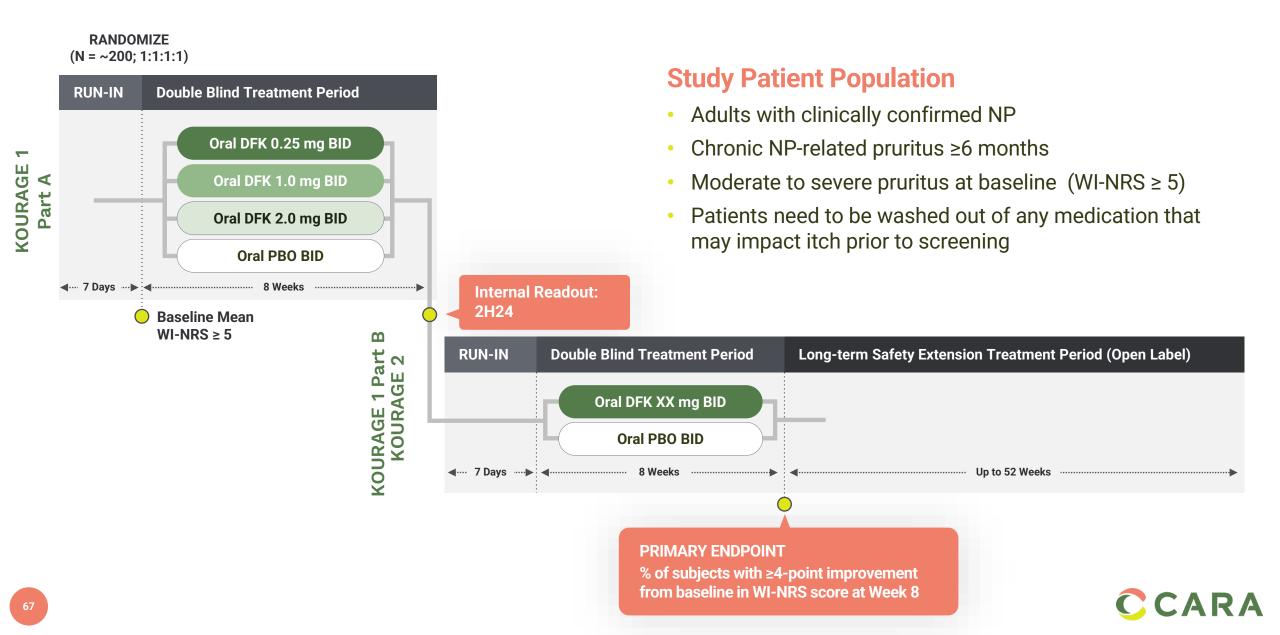
Oral difelikefalin demonstrated strong anti-pruritic effect in patients with NP in the Phase 2 POC KOMFORT Study

Oral difelikefalin was well-tolerated with a consistent safety profile

Positive interaction with FDA paved the path for the NP clinical development program

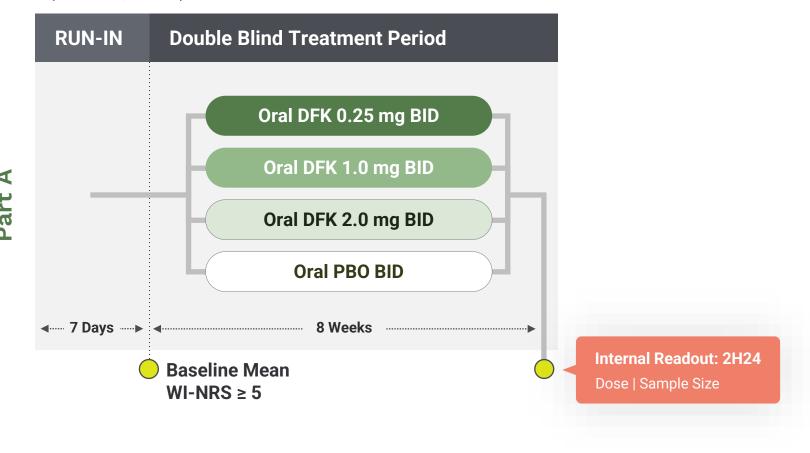


KOURAGE 1 & 2 : Phase 2/3 Study Design in NP



KOURAGE 1 Part A: Study Design

RANDOMIZE (N = ~200; 1:1:1:1)



Criteria

- % of subjects with ≥4-point improvement from baseline in WI-NRS score at Week 8
- Safety assessments



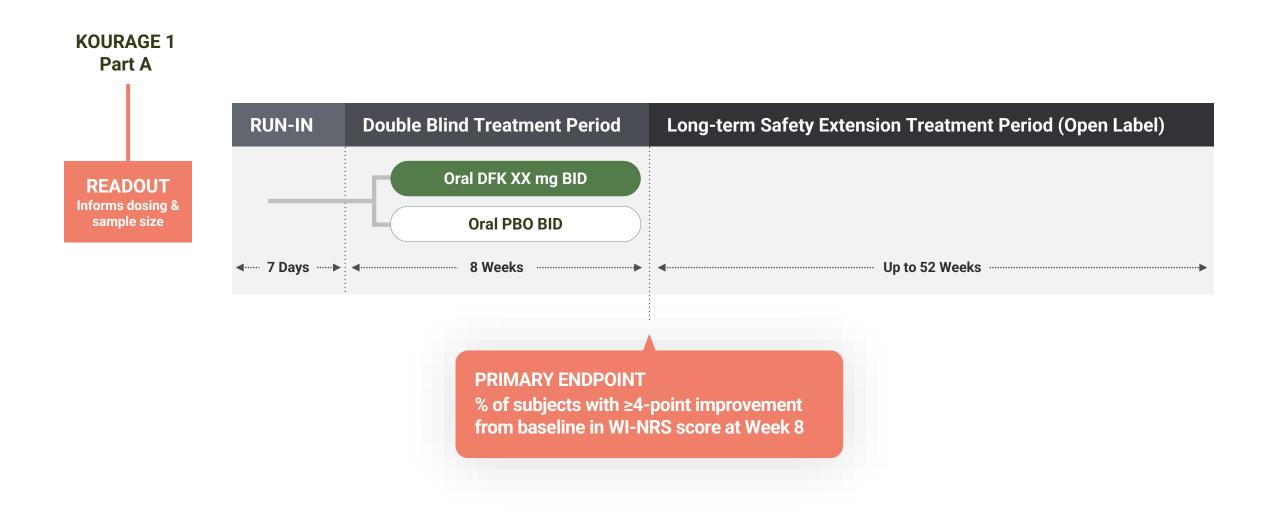
Information

- Dose
- Sample size



KOURAGE

KOURAGE 1 Part B and KOURAGE 2 : Study Design





KOURAGE NP Clinical Program

- Address the unmet need where there are no approved treatments and current therapies have limitations.
- The program is designed to enhance operational efficiency and to progress as rapidly as possible.
- Execute on study designs with the greatest likelihood of success.



