

| Subject line and pre-header |  |
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| Sender/receiver             | From: BioMarin <MPSInfusionInsights@bmrn.com><br>To: <Recipient's email>   |
| Subject line options (3)    | CNEs to NCCs. New name, same partnership<br>[Alt#1] Tips: keeping patients on therapy<br>[Alt#2] Build stronger nurse partnerships<br>[Alt#3] BioMarin goes multilingual |
| Mandatory copy              | Having difficulty viewing this email? You can <a href="#">view it in your browser</a> <links to email in viewing browser>.   |

| Header  |  |
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| H1      | <b>MPS INFUSION INSIGHTS</b>                   |
| Tagline | Supporting nurses through the infusion process |

| Intro          |  |
|----------------|--|
| H1             | <b>An eNewsletter for nurses by nurses</b>   |
| Copy           | A team of BioMarin Nurse Clinical Coordinators (NCCs) developed this quarterly eNewsletter as a way for nurses from around the country to share insights and best practices. |
| Call to action | Have an insight to share? <a href="#">Email us</a><br><link "Email us" to MPSInfusionInsights@bmrn.com>  |

| Body copy – section 1 |  |
|-----------------------|--|
| H2                    | <b>A nurse by any other name...</b>  |
| Copy                  | <p>Clinical Nurse Educators (CNEs) will now be called Nurse Clinical Coordinators to better reflect all of the vital support services they provide.</p> <p>The change also reflects the increased development of patient-focused plans including:</p> <ul style="list-style-type: none"><li>• Patient education on medication therapies and treatments</li><li>• Safe and effective use of treatment</li><li>• Compliance management issues related to infusions</li></ul> <p>NCCs will continue performing valuable infusion education, training, and clinical in-services.</p> |
| Call to action        | Not partnered with an NCC? Call <b>1-866-906-6100</b> or email <a href="mailto:support@biomarin-rareconnections.com">support@biomarin-rareconnections.com</a>  |

| Body copy – section 2 |  |
|-----------------------|--|
| H2                    | <b>Educate about expectations. Keep patients on therapy.</b>   |
| Copy                  | <p>Educating patients and caregivers about what to expect from therapy is critical to helping them take charge of their MPS over the long term.</p> <p><b>Personalized management plan</b></p> <p>Since MPS is heterogeneous and will affect each patient differently, it is important to reinforce that patients and caregivers should work with their doctor to create a personalized management plan.</p> <p><b>Regular assessments matter</b></p> <p>Endurance, respiratory function, height, and weight are some of the recommended measures that doctors can use to monitor treatment. Direct your patients to learn more at <a href="http://Morquiosity.com">Morquiosity.com</a>.</p> <p><b>Slowing progression of MPS is a measure of success</b></p> <p>Missing an infusion might not seem like a big deal, especially if patients aren't sure they're improving. But missing even one infusion could set patients back. Treatment is only effective if it's followed.</p> <p><b>Managing MPS takes a team</b></p> <p>Close partnership and information sharing between a patient and their entire healthcare team can help ensure that the patient receives the specific care they need to manage the impact of their MPS.</p> |

|                |  |
|----------------|--|
|                |  |
| Image          | Doctor and patient discussing plan   |
| Alt image tag  | Partnership between patients and their healthcare team are vital   |
| Call to action | Download an overview of important ongoing assessments for patients at <a href="#">Morquiosity.com &gt;</a> |

| Body copy – section 3 |   |
|-----------------------|---|
| H2                    | <b>BioMarin is multilingual</b>   |
| Copy                  | <p>Encourage patients and caregivers to reach out to their NCC for a variety of materials in other languages, including Spanish.</p> <p>Also, did you know that some materials are in Chinese and Arabic?</p> |
| Image                 | Patient Management Guidelines in another language   |
| Alt image tag         | Patient Management Guidelines in [language]   |
| Call to action        | <p><b>But wait—there's more!</b></p> <p>Remind patients and caregivers that they have access to Spanish-speaking NCCs and Case Managers.</p>  |

| Body copy – section 4 |   |
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| H2                    | <b>Strengthening the partnership paradigm</b>   |
| Copy                  | <p>Case Managers and other support professionals have a positive impact on educating patients and also keeping NCCs in the loop.</p> <ul style="list-style-type: none"> <li>• Help the patients you interact with be proactive. Urge them to contact their NCC before surgeries or after any major medical event.</li> <li>• People with MPS are at risk of anesthesia-related complications during surgery. Arming both patients and caregivers with information is critical. Treat every patient touchpoint as an opportunity to help them and NCCs prepare.</li> </ul> |
| Call to action        | Find ways to get more support at <a href="#">BioMarin RareConnections™</a> and at 1-866-906-6100  |


| Body copy – section 4 |                        |
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| H2                    | <b>Nurse spotlight</b> |

|                |  |
|----------------|--|
| Image          | Image of Lindsay Torrice   |
| Alt image tag  | Image of Nurse Linday Torrice  |
| Copy           | <p>Lindsay Torrice is a pediatric nurse practitioner and genetic counselor at the University of North Carolina Chapel Hill (UNC). Lindsay works closely with Dr. Joseph Muenzer, an active BioMarin key opinion leader in both patient care and clinical research. Prior to Lindsay joining the department, few MPS patients were on enzyme replacement therapy. Thanks to Lindsay's care and hard work, this has changed!</p> <p>A rare disease account manager at BioMarin has this to say: "Lindsey Torrice has been a blessing and a champion for the MPS patients at UNC-Chapel Hill. She is a professional in every way; very efficient, a good communicator, and knows how to work within the system to accomplish the goals of our patients. Because of her effectiveness and willingness to work with our account team at BioMarin, we were able to start four MPS patients on enzyme replacement therapy within a one year span. It is a pleasure to work with someone of Lindsay's quality, character, and passion for her patient's care."</p> |
| Call to action | Do you know a nurse who goes above and beyond? Want to see them featured in the next edition of MPS Infusion Insights? <a href="#">Nominate a nurse here!</a> <link to MPSInfusionInsights@bmrn.com>   |

#### Legal/references/footnotes

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| <p>References</p> <p><i>*please note: references are FPO until fact check is complete</i></p> | <p><b>References:</b> 1. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. 2. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. 3. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum</p> |
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| Contact us copy | <p>CONTACT US</p> <p>BioMarin Pharmaceuticals Inc.</p> <p>Novato, CA 94949</p> <p>BioMarin RareConnections™ :</p> <p>1-866-906-6100</p> |
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