



Award-Winning Journalist And Cancer Survivor Joan Lunden Partners With Amgen To Launch 'At Home With Joan' To Empower Patients Battling Cancer

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Unique Campaign Highlights the Importance of Understanding Your Treatment and Building a Support Community, With Advice From Joan Lunden, Cancer Survivors and Healthcare Professionals
Campaign Encourages Patients to Advocate for Themselves When Facing Strong Chemotherapy and Associated Risks

THOUSAND OAKS, Calif., Oct. 24, 2017 /PRNewswire/ -- Amgen (NASDAQ:AMGN) today announced the launch of [At Home with Joan](#), a campaign led by breast cancer survivor and advocate Joan Lunden. This campaign aims to empower patients diagnosed with cancer to be active participants in their treatment plan in order to understand and navigate the risks associated with strong chemotherapy, including infection as manifested by febrile neutropenia, or a low blood cell count with fever.¹

Motivated by her own cancer battle and passion for sharing valuable health information with the public, the iconic journalist traveled the country to get up close and personal with four breast cancer survivors also treated with strong chemotherapy. Together, they share their stories in order to inspire others to be an advocate and play an active role on their healthcare team. In the *At Home with Joan* campaign, Lunden reinforces the number one piece of advice she wished she knew before her diagnosis: that you are your own best advocate.

More than 1.6 million Americans will be diagnosed with cancer this year and among those that develop febrile neutropenia, more than 80 percent require hospitalization.^{2,3} According to the National Cancer Institute, patient-clinician communication plays an important role in optimizing health outcomes for patients with cancer.⁴

The cornerstone of the campaign is a series of videos, available at [www.AtHomeWithJoan.com](#), which feature one-on-one, intimate conversations at home between Lunden and breast cancer survivors discussing topics such as:

- The importance of educating yourself about your treatment options and having open dialogue with your doctor
- Why a strong support network and partnering with your healthcare team is critical
- Staying positive and maintaining a sense of control throughout the experience
- Patient experiences with treatment to reduce the risk of infection associated with strong chemotherapy

"While I've been on thousands of assignments throughout my career, I feel that perhaps my most important one is my current mission to educate and empower others to better understand their cancer and treatment options available so that they can play an active role in their care," said Lunden. "With so much information out there and critical decisions to make, it's normal to feel overwhelmed. By sharing our stories, we can learn from each other. It is my hope that these heartfelt conversations with courageous, inspiring survivors will provide candid perspectives and tips on how to advocate for yourself and ask the right questions early on."

At Home with Joan also features conversations between Lunden and Edward George, M.D., medical oncologist, and Tina Pryor, RN, oncology nurse, which focus on what to expect from treatment with strong chemotherapy, tips for doctors' appointments including what questions to ask, what to wear to treatments, coping with hair loss and ways to reduce the frequency of clinic visits by helping to protect yourself from infection right from home.

Like Lunden and the *At Home with Joan* participants, many newly diagnosed cancer patients will undergo strong chemotherapy and may be unaware of the potential risks associated with this type of treatment, including infection, as manifested by febrile neutropenia, and the important questions to ask their care team.

"While strong chemotherapy targets tumor cells that are rapidly dividing, what many patients don't realize is it can also affect other cells, including blood cells," said Dr. George. "As an oncologist, a reduction of white blood cell count is one of my biggest concerns because it can leave patients susceptible to infection and hospitalization. This is a serious topic that patients need to be aware of so they can speak to their doctor about treatment options to help prevent it."

"My hope as an oncology nurse is that each patient's healthcare team has discussed treatment options that help reduce the risk of infection, including Neulasta® (pegfilgrastim) Onpro®, which is applied the same day as a patient's chemotherapy appointment, so they can spend more time at home with their families," said Pryor. "These patients want to get back to their normal life and recover in the comfort of their own home. As a member of their support team, I want patients to know there are treatment options to help bring back that normalcy and comfort that frequent clinic and hospital visits interrupt."

To view the eight-part video series and learn more about upcoming community events featuring Lunden, fellow survivors and cancer experts, visit [www.AtHomeWithJoan.com](#). Additional resources include a printable Doctor Discussion guide for patients to bring to their appointments with important questions to ask about treatment.

About Joan Lunden

As the longest running female host ever on early morning television, Joan Lunden was the co-host of Good Morning America for nearly two decades. Lunden is an award-winning journalist, bestselling author, health and wellness advocate, international speaker, and a mom of seven children. After being diagnosed with breast cancer in June of 2014, Lunden made it her mission to educate and inspire others about breast cancer prevention, treatment, and survival. Lunden speaks all over the country about her breast cancer journey, health & wellness, inspiration, and success.

About Neulasta® (pegfilgrastim)

Neulasta is indicated to decrease the incidence of infection, as manifested by febrile neutropenia, in patients with nonmyeloid malignancies receiving myelosuppressive anti-cancer drugs associated with a clinically significant incidence of febrile neutropenia. Neulasta is not indicated for the

mobilization of peripheral blood progenitor cells for hematopoietic stem cell transplantation. In a pivotal clinical trial, in patients with nonmyeloid malignancies undergoing myelosuppressive chemotherapy associated with a clinically significant incidence of febrile neutropenia, treatment with Neulasta was shown to significantly reduce the incidence of febrile neutropenia.

Neulasta is administered by manual injection and is also available via the Neulasta Onpro kit, which was approved by the U.S. Food and Drug Administration in 2014 and includes a specially designed, single-use prefilled syringe co-packaged with an on-body injector for Neulasta.

For more information about Neulasta, visit www.Neulasta.com and www.NeulastaHCP.com.

Important Safety Information Regarding Neulasta®

Contraindication

Do not administer Neulasta® to patients with a history of serious allergic reactions to pegfilgrastim or filgrastim.

Splenic Rupture

Splenic rupture, including fatal cases, can occur following the administration of Neulasta®. Evaluate for an enlarged spleen or splenic rupture in patients who report left upper abdominal or shoulder pain after receiving Neulasta®.

Acute Respiratory Distress Syndrome

Acute respiratory distress syndrome (ARDS) can occur in patients receiving Neulasta®. Evaluate patients who develop fever and lung infiltrates or respiratory distress after receiving Neulasta for ARDS. Discontinue Neulasta® in patients with ARDS.

Serious Allergic Reactions

Serious allergic reactions, including anaphylaxis, can occur in patients receiving Neulasta®. The majority of reported events occurred upon initial exposure. Allergic reactions, including anaphylaxis, can recur within days after the discontinuation of initial anti-allergic treatment. Permanently discontinue Neulasta® in patients with serious allergic reactions.

Allergies to Acrylics

The on-body injector for Neulasta® uses acrylic adhesive. For patients who have reactions to acrylic adhesives, use of this product may result in a significant reaction.

Use in Patients with Sickle Cell Disorders

Severe sickle cell crises can occur in patients with sickle cell disorders receiving Neulasta®. Severe and sometimes fatal sickle cell crises can occur in patients with sickle cell disorders receiving filgrastim, the parent compound of pegfilgrastim.

Glomerulonephritis

Glomerulonephritis has been reported in patients receiving Neulasta®. The diagnoses were based upon azotemia, hematuria (microscopic and macroscopic), proteinuria, and renal biopsy. Generally, events of glomerulonephritis resolved after withdrawal of Neulasta®. If glomerulonephritis is suspected, evaluate for cause. If causality is likely, consider dose-reduction or interruption of Neulasta®.

Leukocytosis

White blood cell counts of $100 \times 10^9/L$ or greater have been observed in patients receiving pegfilgrastim. Monitoring of CBCs during pegfilgrastim therapy is recommended.

Capillary Leak Syndrome

Capillary leak syndrome has been reported after granulocyte colony-stimulating factor (G-CSF) administration, including Neulasta®, and is characterized by hypotension, hypoalbuminemia, edema, and hemoconcentration. Episodes vary in frequency, severity and may be life-threatening if treatment is delayed. Patients who develop symptoms of capillary leak syndrome should be closely monitored and receive standard symptomatic treatment, which may include a need for intensive care.

Potential for Tumor Growth Stimulatory Effects on Malignant Cells

The granulocyte colony-stimulating factor (G-CSF) receptor, through which pegfilgrastim and filgrastim act, has been found on tumor cell lines. The possibility that pegfilgrastim acts as a growth factor for any tumor type, including myeloid malignancies and myelodysplasia, diseases for which pegfilgrastim is not approved, cannot be excluded. The most common adverse reactions ($\geq 5\%$ difference in incidence) in placebo-controlled clinical trials are bone pain and pain in extremity.

Please see additional Neulasta® Safety Information, by visiting www.amgen.com/medpro/products.html.

Please see the Neulasta® Full Prescribing Information by clicking [here](#).

About Amgen

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. This approach begins by using tools like advanced human genetics to unravel the complexities of disease and understand the fundamentals of human biology.

Amgen focuses on areas of high unmet medical need and leverages its expertise to strive for solutions that improve health outcomes and dramatically improve people's lives. A biotechnology pioneer since 1980, Amgen has grown to be one of the world's leading independent biotechnology companies, has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential.

For more information, visit www.amgen.com and follow us on www.twitter.com/amgen.

About Amgen's Commitment to Oncology

Amgen Oncology is committed to helping patients take on some of the toughest cancers, such as those that have been resistant to drugs, those that progress rapidly through the body and those where limited treatment options exist. Amgen's supportive care treatments help patients combat certain

side effects of strong chemotherapy, and our targeted medicines and immunotherapies focus on more than a dozen different malignancies, ranging from blood cancers to solid tumors. With decades of experience providing therapies for cancer patients, Amgen continues to grow its portfolio of innovative and biosimilar oncology medicines.

Forward-Looking Statements

This news release contains forward-looking statements that are based on the current expectations and beliefs of Amgen. All statements, other than statements of historical fact, are statements that could be deemed forward-looking statements, including estimates of revenues, operating margins, capital expenditures, cash, other financial metrics, expected legal, arbitration, political, regulatory or clinical results or practices, customer and prescriber patterns or practices, reimbursement activities and outcomes and other such estimates and results. Forward-looking statements involve significant risks and uncertainties, including those discussed below and more fully described in the Securities and Exchange Commission reports filed by Amgen, including our most recent annual report on Form 10-K and any subsequent periodic reports on Form 10-Q and Form 8-K. Unless otherwise noted, Amgen is providing this information as of the date of this news release and does not undertake any obligation to update any forward-looking statements contained in this document as a result of new information, future events or otherwise.

No forward-looking statement can be guaranteed and actual results may differ materially from those we project. Our results may be affected by our ability to successfully market both new and existing products domestically and internationally, clinical and regulatory developments involving current and future products, sales growth of recently launched products, competition from other products including biosimilars, difficulties or delays in manufacturing our products and global economic conditions. In addition, sales of our products are affected by pricing pressure, political and public scrutiny and reimbursement policies imposed by third-party payers, including governments, private insurance plans and managed care providers and may be affected by regulatory, clinical and guideline developments and domestic and international trends toward managed care and healthcare cost containment. Furthermore, our research, testing, pricing, marketing and other operations are subject to extensive regulation by domestic and foreign government regulatory authorities. We or others could identify safety, side effects or manufacturing problems with our products after they are on the market. Our business may be impacted by government investigations, litigation and product liability claims. In addition, our business may be impacted by the adoption of new tax legislation or exposure to additional tax liabilities. If we fail to meet the compliance obligations in the corporate integrity agreement between us and the U.S. government, we could become subject to significant sanctions. Further, while we routinely obtain patents for our products and technology, the protection offered by our patents and patent applications may be challenged, invalidated or circumvented by our competitors, or we may fail to prevail in present and future intellectual property litigation. We perform a substantial amount of our commercial manufacturing activities at a few key facilities and also depend on third parties for a portion of our manufacturing activities, and limits on supply may constrain sales of certain of our current products and product candidate development. In addition, we compete with other companies with respect to many of our marketed products as well as for the discovery and development of new products. Discovery or identification of new product candidates cannot be guaranteed and movement from concept to product is uncertain; consequently, there can be no guarantee that any particular product candidate will be successful and become a commercial product. Further, some raw materials, medical devices and component parts for our products are supplied by sole third-party suppliers. Certain of our distributors, customers and payers have substantial purchasing leverage in their dealings with us. The discovery of significant problems with a product similar to one of our products that implicate an entire class of products could have a material adverse effect on sales of the affected products and on our business and results of operations. Our efforts to acquire other companies or products and to integrate the operations of companies we have acquired may not be successful. We may not be able to access the capital and credit markets on terms that are favorable to us, or at all. We are increasingly dependent on information technology systems, infrastructure and data security. Our stock price is volatile and may be affected by a number of events. Our business performance could affect or limit the ability of our Board of Directors to declare a dividend or our ability to pay a dividend or repurchase our common stock.

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