



## Amgen And Humana Partner For Improved Health Outcomes And Efficiency

August 17, 2017

### Partnership to Target Multiple Serious Diseases Using Real World Data Studies

THOUSAND OAKS, Calif. and LOUISVILLE, Ky., Aug. 17, 2017 /PRNewswire/ -- Two of the nation's leading health organizations, health and well-being company Humana Inc. (NYSE: HUM) and biotechnology company Amgen (NASDAQ:AMGN), have teamed up to identify opportunities to improve health outcomes and improve efficiency by unlocking new insights from the real world health care experiences of Humana's 13 million members.

In the collaboration agreement between Amgen and Humana, six projects are currently underway or planned, with more expected over the term of the agreement. Both organizations are committed to expanding the work into further therapeutic areas where the partnership can bring value to both Amgen and Humana. The goal is the same across all projects: deliver increased value to patients and the health care system by focusing on working to improve quality and outcomes in the context of total health care costs.

The collaboration will initially target multiple serious conditions, including cardiovascular disease, osteoporosis, neurologic disorders, inflammatory diseases and cancer. Researchers will combine available sources of real world evidence (RWE) with data from wearable technology, digital apps and Bluetooth-enabled drug delivery devices. Prospective observational studies are also planned.

Planned research will identify patients whose serious medical conditions are likely to result in an adverse patient outcome, which may lead to development of algorithms that can predict risk and drive to early intervention. The partnership will also dive deeply into specific therapeutic areas, from defining the burden of osteoporotic fractures to understanding the impact of wearable technology on medication adherence for inflammatory diseases.

"The rising cost of disease is challenging the sustainability of our health care system in the U.S., and is motivating innovators to urgently develop new therapeutic options and partner on opportunities to improve the quality and efficiency of care and reduce financial burden to the system," said Joshua Ofman, M.D., M.S.H.S., senior vice president of Global Value, Access & Policy at Amgen. "It is our hope that this collaboration with Humana, a first of its kind for Amgen, will cultivate value-based, integrated approaches to care that will focus on patients and benefit the healthcare system more broadly."

"Humana is focused on the holistic health of our members and by teaming up with Amgen we can study new ways to improve the health outcomes for our members," said Laura Happe, Pharm.D. M.P.H., chief pharmacy officer for Humana. "At the same time, we hope this research results in new tools and technology that support our provider partners who are on the journey to population health and value-based care."

Amgen and Humana have proven experience in value-based initiatives. Globally, Amgen has engaged in more than 75 distinct value-based programs that have focused on improving clinical outcomes, patient experience and population health.

As of June 30, 2017, Humana has 1.8 million individual Medicare Advantage members and 142,000 commercial members who are cared for by 50,700 primary care providers, in more than 900 value-based relationships across 43 states and Puerto Rico. By focusing on quality and health, Humana experienced [20 percent lower costs in total in 2015](#) for members who were treated by providers in a value-based reimbursement model setting versus an estimation of original fee-for-service Medicare costs using CMS Limited Data Set Files.

#### 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](http://www.amgen.com) and follow us on [www.twitter.com/amgen](https://www.twitter.com/amgen).

#### Amgen and Value-Based Programs

As a collaborative partner within the healthcare system, Amgen believes that engaging in value-based programs with stakeholders creates mutually beneficial opportunities to improve costs, quality of care and the patient experience.

Globally, Amgen is engaged in over 75 distinct, value-based projects, spanning disease state collaborations, risk sharing, cost-cap guarantee, pay-for-performance and outcomes-based agreements.

#### About Humana

Humana Inc. is committed to helping our millions of medical and specialty members achieve their best health. Our successful history in care delivery and health plan administration is helping us create a new kind of integrated care with the power to improve health and well-being and lower costs. Our efforts are leading to a better quality of life for people with Medicare, families, individuals, military service personnel, and communities at large.

To accomplish that, we support physicians and other health care professionals as they work to deliver the right care in the right place for their patients, our members. Our range of clinical capabilities, resources and tools – such as in-home care, behavioral health, pharmacy services, data analytics and wellness solutions – combine to produce a simplified experience that makes health care easier to navigate and more effective.

More information regarding Humana is available to investors via the Investor Relations page of the company's web site at [www.humana.com](http://www.humana.com), including copies of:

- Annual reports to stockholders
- Securities and Exchange Commission filings
- Most recent investor conference presentations
- Quarterly earnings news releases and conference calls
- Calendar of events
- Corporate Governance information

**CONTACT:**

**Amgen, Thousand Oaks**

Kristen Neese, 805-313-8267 (media)

Arvind Sood, 805-447-1060 (investors)

**Humana**

Marina Renneke, 602-760-1758, [mrenneke@humana.com](mailto:mrenneke@humana.com)



View original content with multimedia: <http://www.prnewswire.com/news-releases/amgen-and-humana-partner-for-improved-health-outcomes-and-efficiency-300506215.html>

SOURCE Amgen