

IBD VIEWPOINTS

Advancing a collaborative prior authorization paradigm in inflammatory bowel disease

July 2024



Tapestry Networks recently engaged payers, self-insured employers, clinicians from health systems and independent gastroenterology practices, patient advocates, and industry representatives to discuss ways in which prior authorization (PA) could evolve to advance high-quality, clinically oriented care in inflammatory bowel disease (IBD) in an era of value and cost containment. Select stakeholders gathered for a December 2023 meeting to further explore how PA can be collaboratively advanced in the short and long term. This *ViewPoints* provides a synthesis of views that arose during participant conversations, supported by external literature when relevant, and will pave the way for additional published perspectives on these topics to be released in mid-2024.

For a full list of those who contributed insights on these and related topics addressed by the <u>IBD Shared Value Initiative</u>, please see page 18.

This *ViewPoints*¹ highlights the following topics:

Advancing candid dialogue and action on PA in IBD

Considering transformative and administrative improvements to PA

Accelerating a way forward



Executive Summary

"The underlying question of value is this: Are we taking good care of patients or not?" – **Clinician**

The treatment landscape for IBD continues to evolve rapidly. Patients suffering from Crohn's disease and ulcerative colitis—the two chronic disorders comprising IBD—now have a broad range of advanced therapy options to better enable symptom relief and slow disease progression. Additionally, the latest research and standards of care affirm that minimizing disease activity at an early stage with optimized therapy should be the clinical paradigm for IBD.²

However, many gastroenterology (GI) clinicians report that obtaining timely patient access to optimized therapies can be a challenge, in part due to PA policies. In the face of pressure to manage increasing healthcare costs, payers often require PA for a broad range of specialty medications, which means that clinicians must obtain approval before patients can begin a course of treatment. Recently the role of PA in US healthcare has been debated at state and national levels, with many stakeholders calling for legislation to enable more streamlined PA processes.³

Since 2021, Tapestry Networks has convened a diverse group of stakeholders—including payers, self-insured employers, GI clinicians, patient advocacy organizations, industry representatives, and others—in the IBD Shared Value Initiative, which aims to define and advanced shared value in IBD, a chronic subspecialty area with significant disease variability and high drug cost.⁴ Following initial discussions on key challenges and opportunities for value-based care (VBC) in IBD,⁵ a group of payers and providers published a consensus-based framework on the necessary elements for value in IBD in the *Journal of Clinical Gastroenterology and Hepatology*.⁶

Subsequently, the IBD Shared Value Initiative focused on how to enable real-world implementation of the framework's components. Diverse stakeholders were asked to prioritize specific areas for collaborative discussions and potential design of new approaches, and PA emerged as a pressing topic that the IBD Shared Value Initiative could address (*further details on the prioritization exercise can be found in Appendix 1*). PA is not only relevant for enabling timely access to standard-of-care treatment, it is also increasingly under debate in the broader healthcare landscape.⁷



Initiative participants highlighted the following factors regarding PA, discussed in more detail in the main body of the document:

- Initiative participants see candid multistakeholder dialogue and action on PA as one of the best ways to implement the key principles identified in the published framework. While other VBC-related issues garnered mixed reactions, stakeholders consistently raised PA as a subject that warranted collaborative discussion, particularly given the dynamic changes facing PA in the healthcare landscape.
- While all agreed on the importance of discussions around PA, stakeholders had diverse and nuanced views about its implementation today. Clinicians and patient advocates stressed that PA should reflect current clinical recommendations more accurately and reduce administrative burdens for care teams. While payers and self-insured employers believe PA will continue to be utilized in IBD for several reasons—including high treatment costs and current variability in patient care—many acknowledged the need to improve the PA process to better enable patient-centered, high-quality care in the subspecialty.
- There are opportunities for collaborative pilots to improve PA. These
 include short-term improvements (for example, streamlining administrative
 processes) and potentially transformative mid- to long-term projects—including
 gold-card variations—to enable sustainable patient access to the right therapy at
 the right time for improved disease outcomes.

The IBD Shared Value Initiative will continue to explore potential avenues for PA innovation to further realize VBC in IBD. One stakeholder was optimistic that progress could be made in the near future, especially on gold-card model variations that link PA modification to measurable benefits (e.g., quality measures): "Operationally, releasing PA would not be hard, so if there's an agreeable way to work [with other stakeholders] and obtain the right data, the results could be worthwhile."



Advancing candid dialogue and action on PA in IBD

"PA should not look the same as it did 15 years ago ... Patients are suffering as a result of antiquated tools." – **Payer**

In electing to focus on PA, several Initiative participants noted that addressing PA "could lead to action and outcomes the quickest," and that the removal or modification of PA processes could serve as a strong alternative incentive for GI and IBD clinicians to deliver value-oriented care, possibly as a complement or alternative to ongoing experiments with value-based payment (VBP) models. One clinician said, "When thinking about barriers to improved patient care, PA continues to persist as a daily hurdle which we spend a lot of time, energy, and resources on." Many payers were open to the notion that PA could be improved: "In many cases, PA is not impacting spend or reducing patient and provider abrasion. We need to develop PA in a way that makes sense for healthcare today."

PA in IBD: What is the state of play today?

Faced with significant and increasing cost pressures, healthcare purchasers and payers frequently use utilization management (UM) strategies for medical services, treatments, and pharmaceutical therapies. In principle, UM tools such as PA "discourage costly low-value services, thereby reducing health care spending without impairing health care quality," especially in areas insurers see as susceptible to this problem.⁸ Within the field of gastroenterology, PA can be required for medical procedures such as endoscopy. For IBD specifically, PA is commonly applied to advanced pharmaceutical therapies such as biologics. Indeed, some IBD specialists report that 94% of referred patients require PA for pharmaceutical treatment.⁹

During the PA process, payers review a patient's clinical and prior treatment history to determine whether to approve a prescribed treatment. As part of PA, some payer policies require patients to undergo step therapy; that is, they require patients to try alternative medications first, and only if those medications fail is approval for the originally proposed medication granted.¹⁰

Overall, patient access to advanced IBD therapies has improved.¹¹ However, some stakeholders believe that the implementation of PA continues to present both clinical and process-related challenges. The former may include step therapy protocols that require steroids, which do not enable long-term remission.¹² Process challenges include delays and administrative burdens, which may affect patient care and clinical teams.



Clinicians and patients emphasized that PA should reflect the current clinical paradigm and decrease administrative burdens

Some stakeholders shared their view that PA policies for IBD continue to be influenced by dated evidence. A clinician said, "The number one drug prescribed for IBD patients is prednisone, and when we ask patients why they're on long-term prednisone and not another treatment, they often cite insurance coverage issues." Indeed, an American Gastroenterological Association study noted that 98% of payer PA policies are inconsistent with clinical guidelines for high-risk ulcerative colitis patients, and 90% are inconsistent with guidelines for moderate- to high-risk Crohn's disease patients. Given the cost of some advanced therapies, a clinician empathized with the financial challenges payers and self-insured employers face, but also noted the need for progress: "Nobody's working with an infinite amount of resources, so I get the rationale for PA. At the same time, it always feels like a fight to get patients access to treatments that are eventually approved anyway, and there must be a way to not make the process as painful as it is for medications which follow guidelines."

Additionally, the frequent requirement of PA for IBD treatment increases the time clinical teams must spend on administrative tasks. While well-resourced IBD centers and private practices with dedicated support staff can achieve a relatively high rate of PA approvals upon initial submission, a survey found that providers still spend up to five hours per week on PAs. A clinician shared that PA takes an emotional and mental toll on clinicians, their teams, and patients: "Providers and patients go through a lengthy shared decision-making process for treatment selection, only to have first- and second-line options denied by insurance. That's exhausting for everyone involved."

When clinical teams work through extended denial and appeal processes, treatment delays of up to 73 days can occur.¹⁵ Delays can contribute to increased healthcare utilization such as emergency room visits, steroid dependence in adult populations, and risk of complications in pediatric populations.¹⁶ Accordingly, to help address patient care and access, as well as increasing rates of provider burnout, GI societies and IBD patient groups are focusing on PA alleviation.¹⁷

Some payers and self-insured employers believe PA could evolve to be of greater value to all

Many payers note that PA has successfully reduced costs and enabled appropriate utilization as healthcare and specialty drug spend continue to rise. As such, there is support in principle for the ongoing use of PA. However, some payers and self-insured employers do see a benefit to more tailored approaches for chronic, variable conditions such as IBD, particularly with care quality in mind. "We're at this point where drugs are



framed as a commodity, not as part of the care pathway, so everyone's pushing towards lower drug costs. We need to rethink PA and have protocols which drive towards a higher quality of care," one self-insured employer opined.

One payer suggested that insurance models need to evolve to "have more flexible PA administration to enable prioritization of provider decision making." Another felt that "payers to take a sledgehammer to the traditional mindset of insurance models and better align with a more sustainable healthcare future." However, speaking candidly, one payer said, "We don't think about utilization management by condition but rather by big cost drivers. Right now, PA is employed at the drug level and not at the disease-specific level ... You could argue it would better for IBD patients if disease-level policies were created, but based on total cost, I'm not sure IBD is a top 10 priority for many insurers."

These stakeholder views align with trends in the broader healthcare and pharmacy landscape, where there is considerable activity around PA, as detailed in the box below.

Recent developments around PA

- Proposed legislation on transparency for pharmacy benefit managers (PBMs)¹⁸
- Fragmentation of health plan services amongst self-insured employers and payers¹⁹
- Enactment of state gold-card laws that remove PA for some providers (e.g., as implemented in Texas)²⁰
- Emergence of new insurance and specialty pharmacy business models that seek to promote transparency and optimized treatment outcomes on behalf of clients like self-insured employers

Although state and federal bodies have evaluated UM and PA historically, some believe the current level of interest among lawmakers presents an opportunity for the Initiative. One participant said, "I've been on the Hill many times, and there is more interest on PA today than I can remember. We can utilize that momentum to push things along with a multistakeholder group." Some payers also favor a collaborative effort at this time, with one noting, "UM and PBMs have been under fire recently, and it would be a great time to talk with others about how they can be innovative to add value and enable the best care possible."

Within IBD, some clinicians are already exploring new ways of working with insurance partners in a local fashion. For example, some report negotiating the waiver of all PA requirements from an individual local payer following demonstration of clinical and cost-related outcomes compared to other practices. However, stakeholders noted there



remains a need to refine and implement such concepts at scale for clinicians, payers, patients, industry, and others.

Considering transformative and administrative improvements to PA

With these insights and developments in mind, select stakeholders from the IBD Shared Value Initiative gathered in December 2023 to explore opportunities for multistakeholder collaboration on PA. Ahead of the meeting, stakeholders evaluated a list of concepts adapted from proposals from the Crohn's and Colitis Foundation (CCF) and the American Heart Association Prior Authorization Learning Collaborative for their applicability to PA innovation.²¹

Potential transformative approaches

Potential Option	Involved Stakeholders	Approach
Relax PA under performance-based arrangements	Payer, self-insured employer, PBM, health system, clinicians	Waive or modify PA for therapies that adhere to care pathways or other benchmarks, defined collaboratively across stakeholders, with ongoing evaluation (e.g., gold-card program variations, sometimes referred to as dynamic gold carding).
Advance value- based drug contracts	Payer, self-insured employer, PBM, developers	Modify PA requirements for approval, enabling greater patient access. Increased costs from therapy could be offset by innovative agreements with drug developers.

Approaches targeting administrative improvements

Potential Option	Involved Stakeholders	Approach
Address current systems' pain points	Payer, self-insured employer, PBM, health system, clinicians	PA criteria design: Collaboratively update PA criteria, with input from IBD specialists, to enable consideration of evidence-based recommendations and payer utilization requirements. Process design: Standardize templates for PA to clarify the information necessary from the clinicians for approval.



Approaches targeting administrative improvements (continued)

Potential Option	Involved Stakeholders	Approach
Reward PA success	Payer, self-insured employer, PBM, clinicians	Traditional gold-card program: Clinicians who regularly receive approval for therapies may be exempt from PA for a certain time, with intermittent evaluations for renewal of program. Sunset program: Eliminate PA for regularly approved drug therapies.
Leverage technologies to support process improvements	Payer, self-insured employer, PBM, health system, clinicians	Electronic PA (ePA): Enable PA forms to be filled and sent online more easily (vs. paper-based methods). Develop or improve online portal for payer-provider for communication (vs. fax or telephone). Automated PA: Based on evidence-based algorithms, automatically screen PA with AI and/or real-time pharmacy benefit checks. Ensure provision of clear rationale for approvals or denials (caveat: algorithms must be well defined, given challenges associated with automatic AI-driven denials observed in IBD).

Of note, while PA modifications under value-based contracts and payment models are a potential avenue for change, this option was not prioritized for discussion given that VBP models involving risk transfer are limited in IBD, as discussed in Appendix 1. That said, one stakeholder suggested that PA challenges may be better addressed within VBP models: "For payers, removal of PA will increase cost, and total cost of care needs to be lowered somewhere else. Practices can only be incentivized to evaluate total costs if they're under a value-based contract."

Stakeholders are keen to further assess transformative pilots, especially those based on "gold-card" concepts

Many stakeholders expressed an interest in considering transformative pilots to improve PA in IBD, particularly gold-card program variations (dynamic gold carding) that enable modifications to PA based on measurable performance metrics. Payers and self-insured employers highlighted the importance of measurable metrics for IBD: "We'd like to find a path towards continual measurement to see providers who have historically and continuously performed well and reward those performers with some type of PA relaxation." Another agreed that there could be value in a "provider-focused gold-carding program ... with a [PA] pathway for those providers that we know are providing that high-



quality care."

In conversation on how to identify or benchmark those providing robust care, one clinician noted that practice participation in IBD Qorus (a quality improvement initiative from CCF) has enabled improved outcomes such as reduced ER visits, leading some to wonder if the IBD Qorus program could be utilized for performance benchmarking relevant to PA.

Some stakeholders also voiced interest in a pragmatic sunset program whereby PA could be eliminated for regularly approved drug therapies. "If 90% of a provider's prescriptions for a certain medication are approved, then it seems the PA hurdle is just creating cost on the payer side. I think there's an opportunity for payers to partner with us to redesign this," one clinician opined. A self-insured employer also expressed curiosity in "understanding the impact of a sunset program because there could be high value proposition to enhance member experience."

Clinicians are conducting pilots to address PA's administrative burden

At present, clinicians are addressing system pain points primarily by leveraging the use of new technologies. For example, some GI clinicians have invested in AI-enabled platforms to navigate PA telephone calls and reduce hold times for staff. Some specialty centers are streamlining internal clinical, workflow, and communication processes to proactively provide greater consistency of information for PA requests with promising results—one center has seen an increase in initial PA approval rates for injectable and oral therapies "from 50% to 90%."

More broadly, some health systems are also trying to optimize treatment selection and maintenance in IBD and other immunological conditions such as rheumatoid arthritis by aligning clinical data, disease activity questionnaires, and outcomes tracking—specifically, time to therapy and time to reach therapeutic goals—across provider, specialty pharmacy, and policy teams. Such programs aim to proactively identify opportunities for achieving value during a patient's course of treatment, such as by determining how frequently a patient needs to schedule a clinic visit or when a treatment dose can be increased or decreased. These types of initiatives may be more possible in integrated systems that provide greater visibility into clinical and pharmacy data.

While these administrative-focused projects have had favorable outcomes, some stakeholders raised concerns about their applicability to other sites of care, where there remains a clear need for innovative PA approaches: "The providers who need oversight don't have the right resources or are not paying attention, which is how we ended up with this onerous utilization management system in the first place. How can we create solutions given that all GI providers are not the same?"



Accelerating a way forward

Moving forward, Tapestry will continue to work with stakeholders from the IBD Shared Value Initiative on the above issues, focusing on collaboratively considering potential pilots and research initiatives that can test new approaches to evolve PA in this complex sub-specialty.

About Tapestry Networks

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Appendix 1: Prioritizing a focus area for a multistakeholder forum

Although PA was the Initiative's final choice for a focal topic in the next phase, stakeholders also considered three other VBC-related topics highlighted in the coauthored framework publication—VBP, holistic risk stratification, and health equity. Although those topics were ultimately not selected, the points raised in discussion of them are of great value for understanding the issues involved in VBC and choosing a focus going forward.

VBP remains relevant but faces notable challenges

VBP models comprise a range of incentives that aim to achieve high-quality care and improved patient outcomes at lower or contained costs. Changes to reimbursement based on provider performance and transfer of financial risk to clinicians managing patient care are two examples of incentives utilized today. Despite evidence showing that value-oriented incentive structures might help support IBD medical homes, integrated care, and remote patient monitoring—all of which can have a positive impact on disease control and patient satisfaction—stakeholders are uncertain how VBP should progress in these areas due to several challenges:

- There may be insufficient scale in IBD to advance VBP models. The relatively small population of IBD patients means that it can be difficult for payers and providers who experiment with new models "to prove value-based savings are worthwhile." Recognizing this reality, some clinicians have expanded participation in VBP to conditions across GI: "It's hard to achieve savings with an IBD focus—there's low prevalence, and there's not much you can do to reduce cost. You need to take on accountable care across all of GI."
- Fee-for-service remains dominant across GI. VBP payment models have a limited track record in GI, in part because of ongoing fee-for-service incentives. For many GI clinicians, at least in the views of one stakeholder, fee for service "is lucrative ... there's no reason to take on risk."
- The interest in specialty models may be cooling. Even for large disease areas such as oncology, some stakeholders note that there is "significant complexity behind standing these models up." One payer shared that there is now "a lot of push and pull within internal strategy teams on whether what we're doing is actually working."

Despite the many challenges interviewees cited for VBP models, some payers and self-insured employers are still implementing alternative approaches and incentives to improve value for relevant GI providers and patients. Upside-only arrangements, where providers receive performance-based benefits such as increased per-member-permonth payments, have "gained traction amongst the specialist community." A clinician shared a recent example: "Last year, our data showed that a small number of GI patients



were responsible for a quarter of costs for a single payer. As a result, we renegotiated our contract and entered an upside shared-savings arrangement to closely monitor those patients." Some payers are incentivizing "providers to keep close engagement with patients who miss clinic appointments to avoid costly emergency department visits," while others are providing administrative support for medical benefit management to high-quality, but resource-limited, clinics. Many stakeholders believe these alternative approaches and incentives could be implemented in IBD, but given the complications inherent in VBP approaches, some were doubtful about the benefits of prioritizing it.

Holistic risk stratification continues to be utilized unevenly

Holistic risk stratification, which includes a thorough assessment of a patient's clinical presentation and psychosocial factors, is identified as a key principle of VBC in the published framework. Interviewees considered risk stratification's importance in IBD today and its potential to be advanced via a multistakeholder forum.

Some underscored that risk stratification techniques in IBD are emerging as an important practical intervention in care delivery. For example, IBD Qorus has published on the role that a simple list of high-risk patients played in successfully impacting practices' ability to manage patient costs.²² Optimal ways to stratify baseline and ongoing patient risk progression is a topic of ongoing research in IBD, and pilots that employ such approaches in service to VBC are in "early stages." Diverse stakeholders are enthusiastic about the promise of such approaches, citing results from analogous diseases like rheumatoid arthritis.

Additionally, clinicians and payers are increasingly utilizing more sophisticated large-scale analytics—with databases built in-house or in partnership with third-party vendors—to improve patient care and identify risk factors that affect the total cost of care. Although VBC is the primary reason for employing these data tools, some stakeholders acknowledged that the tools also offer short-term commercial advantages in the form of sales of data to third parties.

In short, some participants believe the emerging research and experiences in this area indicate that risk stratification may have valuable lessons for the Initiative, but because the implementation of risk stratification is only in early stages and has been uneven, with diverse short-term interests at play, several stakeholders felt the Initiative's attention should be directed elsewhere.

Health equity may require more upstream focus

Historically, IBD was considered to be more prominent in younger, white populations, though recent epidemiological studies reveal incidence in more diverse and older populations. Given that health equity is an increasingly urgent issue for many organizations—particularly large, self-insured employers with diverse demographics—stakeholders considered whether the Shared Value Initiative could make an impact in



this area. Some stakeholders raised specific issues that may warrant further consideration and investment, including holistic care education, inclusive data collection methodologies, and new partnerships between academic institutions and community sites of care.

However, while all stakeholders affirmed the importance of addressing health equity, several of those involved in the IBD Shared Value Initiative felt that the narrow focus of their respective organizational roles and purviews might limit their ability to make a difference. For example, one payer said, "For Medicaid patients with IBD, the state is restrictive on what we can do with treatment, so that's an equity issue that is out of our hands." Others believe that health equity would be best impacted through research and development efforts already in progress, such as "diversifying clinical trial enrollment" or "understanding how treatment approaches should differ amongst populations." As a result, stakeholders voiced a strong preference for the Initiative to select a different area in which it might have an impact.



Appendix 2: Participants

An asterisk after a name indicates a participant in the December 2023 meeting; other participants contributed high-level insights on PA and related topics.

AffirmedRx: Kristin Stadler, Head of Growth Strategy
AT&T: Luke Prettol, Principal Benefits Strategy Consultant*
Brown University: Samir Shah, Clinical Professor of Medicine*

Capital Digestive Care: Michael Weinstein, President*

Color of Gastrointestinal Diseases: Melodie Narain-Blackwell, President and Founder; Latonia Ward, Former

Director of Community and Culture

Crohn's & Colitis Foundation: Cassie Ray, Director of Advocacy*; James Testaverde, Senior Director, Patient

Education and Support; Alandra Weaver, Vice President, Clinical Quality and Research Innovation

CVS: Joe Couto, Senior Director, Specialty Program Outcomes and Evaluations*

Elevance: Isaac Burrows, Director, Payment Innovation Design; Erin Smith, Vice President, Payment Innovation

Strategy*

Geisinger Health Plan: Phil Krebs, Director, Medical Policy and Clinical Guidelines*

GI Alliance: Paul Berggreen, Chief Strategy Officer

Highmark Inc: Matt Fickie, Senior Medical Director; Bob Wanovich, Vice President, Ancillary Provider Strategy and

Management

Mass General Brigham: Mark Sanderson, Head of Analytics of Value-Based Care

Mayo Clinic: Jami Kinnucan, Senior Associate Consultant*

Mount Sinai Hospital: Laurie Keefer, Director for Psychobehavioral Research, Division of Gastroenterology

Nebraska Medicine: Sarah Kuhl-Padgett, Director, Community-based Pharmacy Services*; Kyle Skiermont, Senior

Vice President, Operations

Oshi Health: Sameer Berry, Chief Medical Officer

Pfizer: Debanjali Mitra, Value and Access Strategy Team Lead*; Craig Singewald, Senior Director, US Market

Access Lead, Inflammation and Immunology (initiative sponsor)

Promise Bio: Assaf Kacen; Co-founder and Chief Technology Officer; Ronel Veksler, Cofounder and Chief

Executive Officer

Purchaser Business Group on Health: Emma Hoo, Director of Value-Based Purchasing

Rubicon Founders: David Johnson, Clinical Operating Partner

Saratoga Schenectady Gastroenterology Associates: Arthur Ostrov, Gastroenterologist

Sepsis Alliance: Paul Epner, Board Member

SonarMD: Larry Kosinski, Founder and Chief Medical Officer

Stephens Insurance: Rich Krutsch, Senior Vice President, Employee Benefits*

Surest: Marcus Thygeson, Emeritus Chief Health Officer

TFA Analytics: Emily Cane, Manager, Clinical Programs; Torrie Fields, Managing Partner

The Pharmacy Group: Perry Cohen, Chief Executive Officer Vantris Oncology: Joe O'Hara, Strategic Business Consultant VIVIO Health: Bhargav Raman, Vice President, Clinical Product Walmart: Mike Jansen, Senior Director of Health and Wellbeing



Endnotes

- ¹ *ViewPoints* reflects the network's use of a modified version of the Chatham House Rule whereby comments are not attributed to individuals or organizations. Quotations in italics are drawn from conversations with participants in connection with the meeting.
- ² Dan Turner et al., "STRIDE-II: An Update on the Selecting Therapeutic Targets in Inflammatory Bowel Disease (STRIDE) Initiative of the International Organization for the Study of IBD (IOIBD): Determining Therapeutic Goals for Treat-to-Target Strategies in IBD." Gastroenterology 160, no. 5 (2021), 1570–1583.
- ³ Tanya Albert Henry, "9 States Pass Bills to Fix Prior Authorization," American Medical Association, March 8, 2024
- ⁴ Lawrence Kosinski et al., "<u>Financial Volatility of Inflammatory Bowel Diseases vs Other Chronic Gastrointestinal Diseases—Using the Beta Coefficient to Categorize GI Disorders.</u>" *Inflammatory Bowel Diseases* 26, no. Supplement_1 (2020), S49.
- ⁵ Inflammatory Bowel Disease Shared Value Initiative, <u>Laying the Foundation for Greater Value in Inflammatory Bowel Disease</u>
 <u>Care</u> (Waltham: Tapestry Networks, 2021).
- ⁶ IBD Shared Value Initiative Author Group, "Principles to Advance Value in Inflammatory Bowel Disease: A Collaborative Payer–Provider Framework." Clinical Gastroenterology and Hepatology 21, no. 12 (2023), 3011–3014.
- ⁷ "CMS Interoperability and Prior Authorization Final Rule," Centers for Medicare and Medicaid Services, January 17, 2024.
- ⁸ Aaron L. Schwartz et al., "Measuring the Scope of Prior Authorization Policies: Applying Private Insurer Rules to Medicare Part B," *JAMA Health Forum* 2, no. 5 (2021), e210859.
- ⁹ David K. Choi et al., "Role and Impact of a Clinical Pharmacy Team at an Inflammatory Bowel Disease Center," *Crohn's & Colitis* 360 5, no. 2 (2023), otad018.
- ¹⁰ Shubha Bhat et al., "Advocating for Patients with Inflammatory Bowel Disease: How to Navigate the Prior Authorization Process," Inflammatory Bowel Diseases 25, no. 10 (2019), 1621–1628.
- ¹¹ Parambir S. Dulai et al., "Market Access Analysis of Biologics and Small-Molecule Inhibitors for Inflammatory Bowel Disease among US health Insurance Policies," *Digestive Diseases and Sciences* 64, no. 9 (2019), 2478–2488.
- ¹² Codey Pham et al., "Patterns of Steroid Use Among a Real-World National Cohort of Veterans with Inflammatory Bowel Disease," Gastroenterology 164, no. 4 (2023), S101–S102.
- ¹³ Abhijeet Yadav et al., "Variations in Health Insurance Policies Regarding Biologic Therapy Use in Inflammatory Bowel Diseases," *Inflammatory Bowel Diseases* 23, no. 6 (2017), 853–857.
- ¹⁴ Brad D. Constant et al., "Prior Authorizations Delay Therapy, Impact Decision-Making, and Lead to Adverse Events in Inflammatory Bowel Disease: 2022 Provider Survey," *Clinical Gastroenterology and Hepatology* 22, no. 2 (2024), 423–426.
- ¹⁵ Elizabeth A. Spencer et al., "<u>Barriers to Optimizing Inflammatory Bowel Disease Care in the United States</u>," *Therapeutic Advances in Gastroenterology*, 16 (2023), 17562848231169652.
- ¹⁶ David K. Choi et al., "<u>Delays in Therapy Associated with Current Prior Authorization Process for the Treatment of Inflammatory Bowel Diseases</u>," *Inflammatory Bowel Diseases* 29, no. 10 (2023), 1658–1661.
- ¹⁷ "AGA Supports Reducing Prior Authorization Burdens That Delay Patient Access to Care," American Gastroenterology Association. Accessed April 30, 2024.
- ¹⁸ Leigh Feldman et al., "Pharmacy Benefit Manager Reform: What's on the Horizon? (December 2023 Update)," McDermott Consulting, December 21, 2023.



- ¹⁹ Anastassia Gliadkovskaya, "<u>Mark Cuban Cost Plus Drug Company Announces First Health Plan Partner, Capital Blue Cross</u>," *Fierce Healthcare*, October 6, 2022.
- ²⁰ Andis Robeznieks, "New Physician 'Gold Card' Law Will Cut Prior Authorization Delays," American Medical Association, September 15, 2021.
- ²¹ Mitchell A. Psotka et al., "<u>Streamlining and Reimagining Prior Authorization Under Value-Based Contracts: A Call to Action from the Value in Healthcare Initiative's Prior Authorization Learning Collaborative," *Circulation: Cardiovascular Quality and Outcomes* 13, no. 7 (2020), e006564.</u>
- ²² Christopher V. Almario et al., "<u>Health Economic Impact of a Multicenter Quality-of-Care Initiative for Reducing Unplanned Healthcare Utilization among Patients with Inflammatory Bowel Disease," American Journal of Gastroenterology 116, no. 12 (2021), 2459–2464.</u>
- ²³ Joyce W. Y. Mak et al., "<u>Development of the Global Inflammatory Bowel Disease Visualization of Epidemiology Studies in the 21st Century (GIVES-21)," BMC Medical Research Methodology 23, no. 1 (2023), 129.</u>