Improving SEO & Patient Acquisition with a Headless CMS

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Who we are



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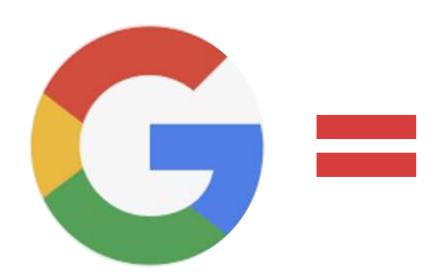
















The numbers: Google + HC

1B
Healthcare searches a year

70k

HC searches per minute

7%

Of all searches on Google are healthcare



Conversational AI or Search?



ChatGPT, Bard, etc.: conversation, research, exploration



Google, Bing, etc. for:

Research, transactions,

converting

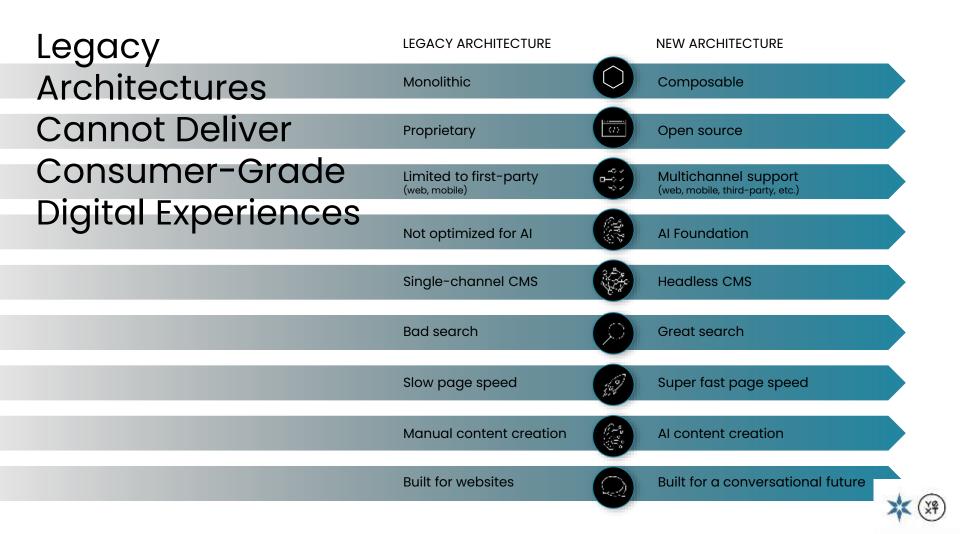


Future of your website will need to be a combination of both Conversational & Generative AI and SEO optimized web pages.

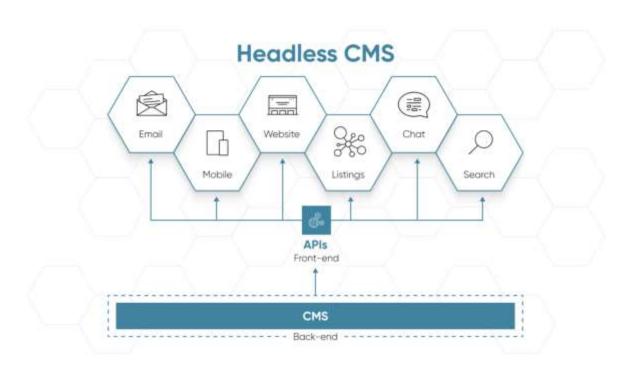








Headless CMS is your platform of the future





What do you need to know about SEO to capture this traffic?





Ripples and Impacts

Responses

Search • Listings data Experience Expertise Authority SEC • Performant Pages Trust Content Relevance Distance Prominence Reviews

Local SEO

E-A-T

Expertise

 Content is high quality and sourced from experts

Authoritativeness

 Content is factually accurate and from an "authority" on the subject

Trustworthiness

 Content can be trusted because it comes from a reputable source



Content should also:

- Help users
- Be posted on an authoritative site
- Be trustworthy
- Be updated frequently

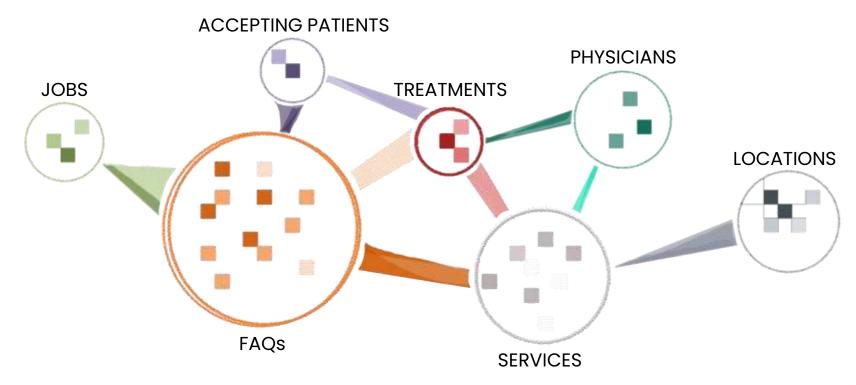


Structured Data

- Increasingly more important for ranking in search engines.
- Represents relationships between entities. The algorithm "reads" these relationships through schema markup language.
- Allows you to "spoon feed" Google and other search engines what they need to make sure they are delivering results to searches based on accurate relationships.
- Will become critical to Conversational AI platforms like ChatGPT and Bard and others the more they are able to connect their data sources to the overall web!



Relationships should look like this





How can you structure data?

Think about where you store your data today.

- Can you build relationships among entities?
- Can you distribute your content to places where people are searching for it?
- Can you quickly sync new data sources and create new entities based on new insights you are seeing with your website activity and behavior, or based on changes in SEO?

Your CMS may not be able to fulfill on this promise to drive optimal SEO now and in the future.



How did Beacon Health leverage a Headless CMS to improve SEO and Patient Acquisition?



What did Beacon Health achieve with structured data?

Background: Beacon is the first organization in Indiana to be selected as a member of the Mayo Clinic Care Network.

The **Mayo Clinic Care Network** is a clinical collaboration between Mayo Clinic and independent health care organizations across the globe.

Through this network, Beacon doctors have special access to Mayo Clinic knowledge, resources, team of specialists, second opinions and more.





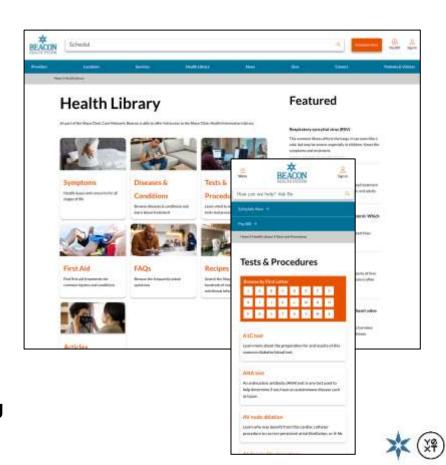
The Mayo Clinic = EAT

Beacon Health **added Mayo Clinic Health**Information—a library of health content available to members—to its website.

Mayo Clinic health information is an online portfolio of original, evidence-based health and wellness content that is topical, relevant, engaging and is written in a way that is easy to understand, and rooted in more than 150 years of clinical practice, research and science.

Mayo Clinic offers more than 11,500 pieces of web content in a variety of formats on topics within the general health and wellness arena. Delivered automatically to your site via APIs.

Data analytics along with innovative thinking and programming led us to a new approach for **leveraging the content**...with exciting demand-generation results.



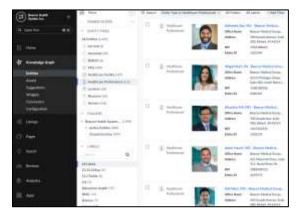
Beacon Health's Hypothesis

EAT + Knowledge Graph = Appointments

We can get increased traffic to our site with improved SEO if we create pages that include condition content, associated providers, treatments, procedures, locations, AND use this to drive appointment scheduling.

How did we test and learn?

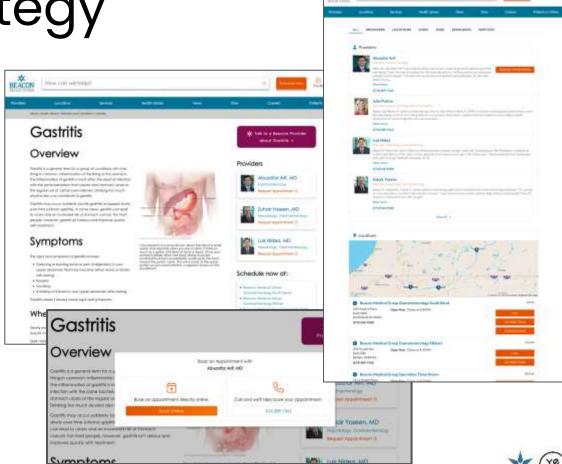
- April 2020
 - Launched Mayo content API alone
 - Huge increase in pageviews, but few conversions to appointments
- February 2021
 - Experimented with adding providers manually
 - Data from provider directory and APIs hard to make matches
- April 2022
 - o Hired senior web developer, added to our API team
 - Advanced our training
 - Recoded the pages to integrate with our knowledge graph
 - A.I. finds holes where matches did not exist





Beacon's Strategy

- 1. Deploy the Knowledge Graph to:
 - a. Improve search experience
 - b. Match Providers on all pages
 - c. Display structured data such as locations, services
 - d. Increase calls-to-actions (CTAs) for appointment initiations
 - e. Capture enhanced analytics with conversion data
- 2. Build Web and APIs for:
 - a. Natural Language Process
 (NLP) to make matches from
 A.I.
 - b. Faster page loads = SEO
 - c. All pages build dynamically



Results

Since adding knowledge graph:

- 4,000+ appointment initiations from Mayo Library
 271% increase
- Funnel conversions
 79% increase booked online
- Traffic up
 - 42% in Indiana
 - o 66% in Michigan
 - o 98% in Illinois
- Engagement rates continue to improve
- SERP average position U.S. trending down (this is good)

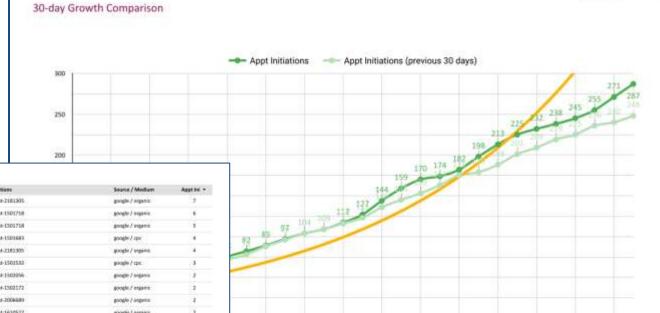
Looker Reports tracking results with % change

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												/
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	High blood ecutein			1,543	-12.2% #	1,525	11.6% (98.83%	0.7% +	36%	0.1% 1	
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	meta	eta workplace hoart <u>Heart_scan_Forgmary_calcium_scan</u>)			appt_ini_id	Talk to a Beacon Provider about Heart scan		14				
1.	meta	neta workplace heart <u>Heart.scan.(coronery.calcium.scan)</u>			appt_ini_test	_text Call Now			18			



2.	Can you recommend a diet after gallbladder removal?	2,855	-6.9%	2,819	-6.8%	98,74%	0.0% †	52%	0.9% †
3.	Strep throat	1,837	52.1% #	1,829	52.7% †	99.56%	0.4% †	49%	1.1% †
4.	High blood protein	1,366	2.4% †	1,351	2.5% †	98.9%	0.1% †	52%	-7.4%





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13	CM hash, Korothrosomal fluid Joseph	appt provider request 1503855	google / engants	17
			Grand total	185



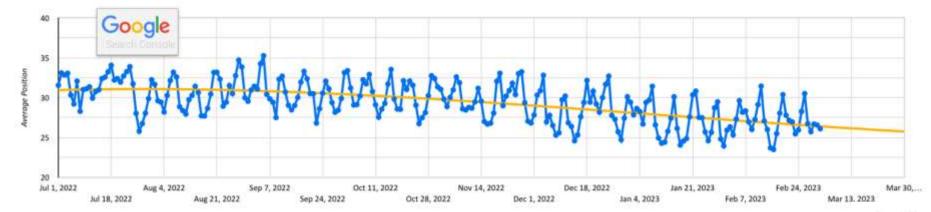
Oct 24

Oct 22

SEO has improved!

- SERP average position U.S. trending **improved for over 5,000 pages**
- New gains in position #1 -5 on many health topics nationally
- 100mm "blue links" in Google

Average Position on Google (lower number better)





Take-aways

If you are considering:

- → Learn to track SEO
- → Prepare for a knowledge graph by committing to data as the source
- → Build a design system to prepare for dynamic content
- Use or build a content api

If you already have it running:

- → Put the composable data on the page with the content and let it work for you
- Track the clicks and follow them all the way through your marketing funnel
- → Review the trends with marketing and CRM teams
- Integrate into your A.I., natural language processing, and design systems

If you need to prioritize this:

- → Knowledge graph can drive KPIs if you make it easy for the web users
- → Pages can serve as landing pages of social and paid web campaigns, and also drive SEO
- → You can focus on driving conversions with data and optimize
- → Built in multi-language support such as Spanish



Q & A

Thank you



