

Dave Conder, CTO





The Migration to Kentico

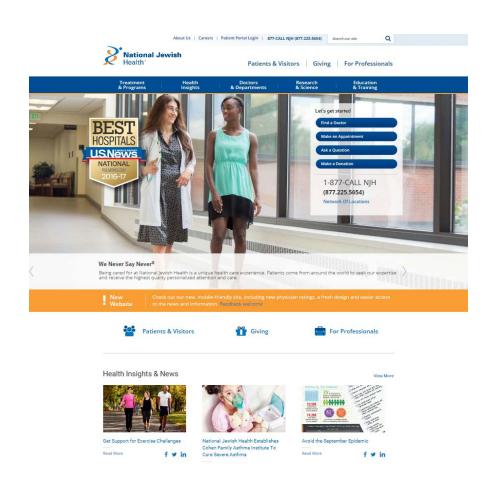
- Transform unstructured data into structured (departments, news items, events, patient stories and testimonials, etc.)
- Iterative and Automated Process
- Still Required quite a bit of manual intervention







Relaunch 2016



This was not a redesign, it was a complete relaunch that would repurpose nearly 10,000 pages and documents





Upgrade & Migration Process

- Site was on v7.44
- Wanted to go to 8.2
- Upgraded site first
- Created copy of prod instance. Renamed prod to ARCHIVE. Created RELAUNCH in the same instance. Configured Staging from PROD To ARCHIVE
- Worked great, although NodeGUID changed when moving documents between sites







New Base Page Type

- PageContent, PageImage, etc.
- Calls to Action Links with inheritance



Categories on Form Tab

Categories:	Category	Enabled
	Adult-Peds > Adult	Yes
	Conditions > Allergy	Yes
	☐ Document Types > Lifestyle > Allergy	Yes
	☐ Document Types > Related Conditions > Allergy	Yes
	☐ Document Types > Related Programs > Allergy	Yes
	☐ Document Types > Tests We Offer > Allergy	Yes







Custom Tools

- Bulk Template Change
- Copy content from page to form tab
- Rebuild Relationships Since we copied content over, the previous relationships didn't move because the targets had different IDs
- Create MigrationLog fields for content team to keep track of everything
- Re-sync document aliases
- Safe Robots.txt







SEO

- Exported all page URLs and all DocumentAliases
- Used tools to crawl and report
- Ran same crawl against dev server when content was mostly in place, found gaps and re-mapped aliases
- Over 14k total URLs



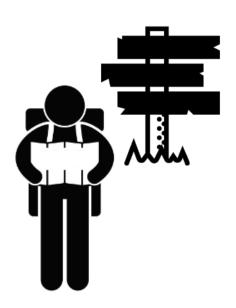




Complex Taxonomy

- Categories in Kentico are great tools for taxonomy, but they have some limitations
- They support searching by categories out of the box
- But there is no way to create more complex structures without customization

To solve this, we created what we call **SuperCategories**.

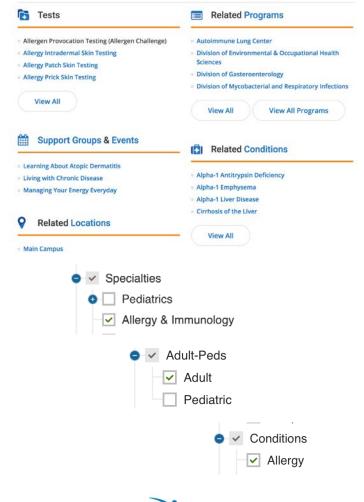






SuperCategories

- Allows explicit business rules to link documents based on four major Categories
 - Adult/Pedatric
 - Page Types
 - Path
 - Category Families
- These allow related, relevant, and targeted content to appear anywhere on a page.
- We used macro methods to display these rather than web parts since they can sit within content







SuperCategory Examples

Condition Information



- Allergic Bronchopulmonary Aspergillosis (ABPA)
- Allergic Rhinitis
- · Allergy: Overview
- Anaphylaxis
- Angioedema
- Asthma: Overview
- Churg-Strauss Syndrome
- Eczema (Atopic Dermatitis)
- Eosinophilic Lung Disorders
- Food Allergies

View All

Conditions We Treat

- Adult/Pediatric value all content is related to one or the other, so similar documents should be returned if specified
- Page types NJH.Condition; CMS.MenuItem
- Category families: Specialties; Conditions
- Path: /conditions/%





SuperCategory Examples



Related Programs

- Clinical Nutrition Services
- Division of Allergy and Clinical Immunology (Adult)
- Division of Environmental & Occupational Health Sciences
- Division of Pulmonary, Critical Care and Sleep Medicine (Adult)

View All

View All Programs

Related Programs

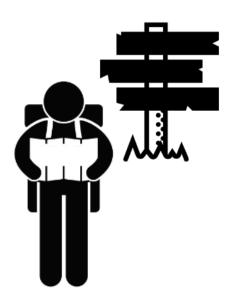
- Adult/Pediatric value all content is related to one or the other, so similar documents should be returned if specified
- Page types NJH.Service;
 CMS.Menultem
- Category families: Document Types/Related Programs
- Path: /Treatment-Programs/%





SuperCategory Module

- We'd like to release the SuperCategory module as open-source
- A customizable tool that would allows user to define each type and set the rules







Complex Sub-Navigation

- There are 3-level hierarchical transformations
- The rules for the sub-navigation varies from page to page.
- In some cases, simple path expressions can be used:



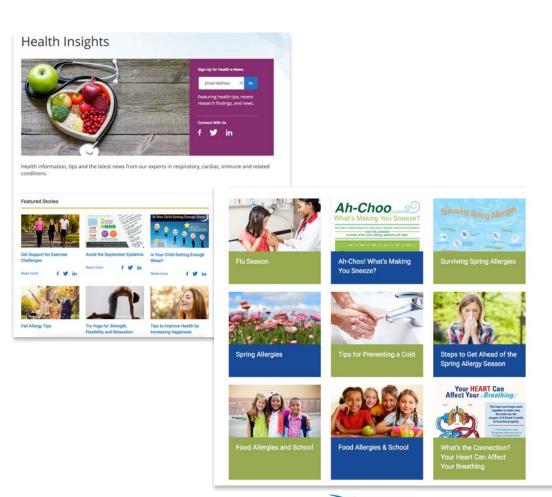
 In others, we created a macro method that allows any offset to be specified:





Health Insights

- Dynamically identified by configuration using SuperCategories
- Can be any type of content: pages, events, news, etc.
- Embeddable anywhere on the site with automatic context filters



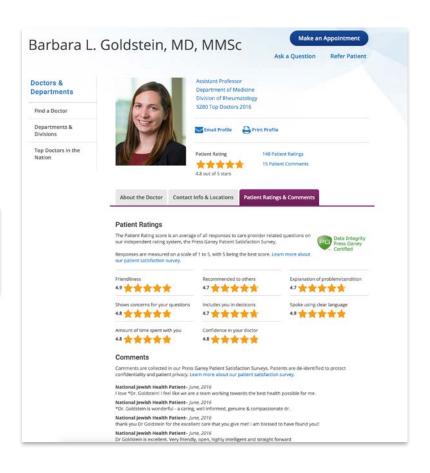




Press Ganey Integration

- Full integration with PG for doctor ratings and reviews
- Schema.org rich snippets for SEO

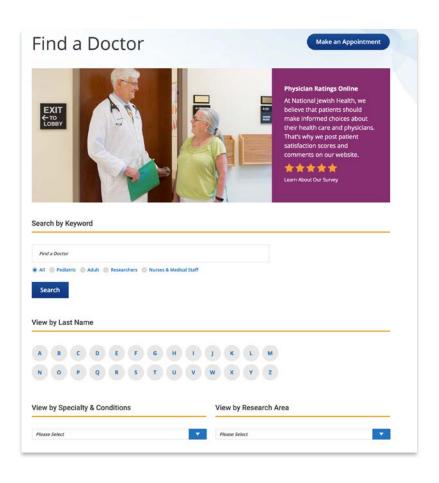
Barbara L. Goldstein, MD, MMSc - National Jewish Health
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★★★★ Rating: 4.8 - 148 votes
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Jewish Health and Denver Health specializing in rheumatic ...

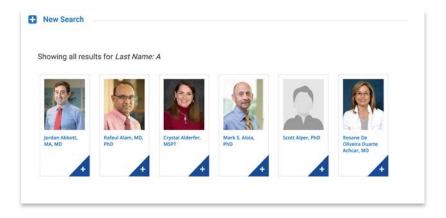


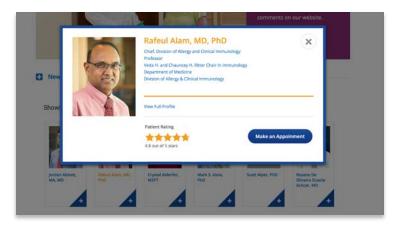




Search - Staff



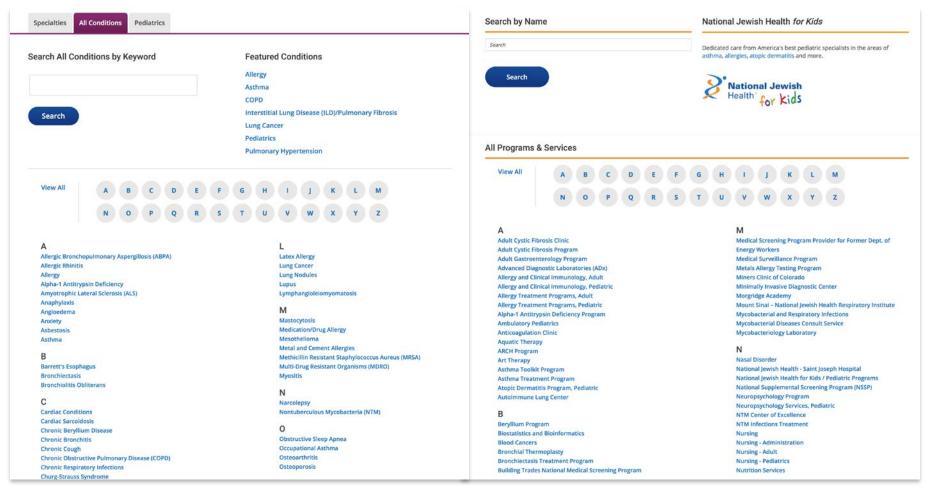








Search – Conditions & Programs

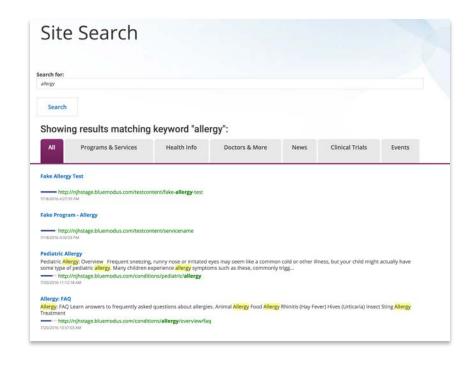






Site Search

- Uses SmartSearch
- Multiple indexes, dynamic page type filters based on search mode

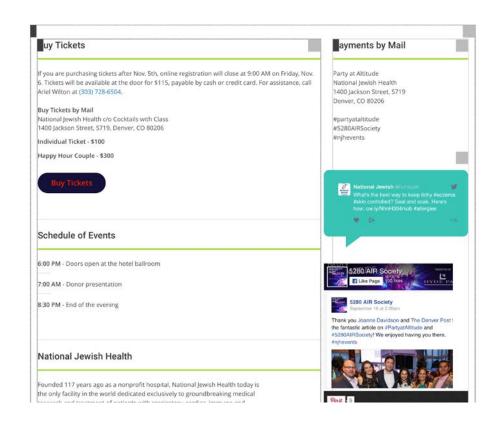






Bootstrap Layout Widgets

- Many pages need unique layouts and need to be easy to manage
- Bootstrap Layouts,
 Tabs, and Accordions
- Fully responsive

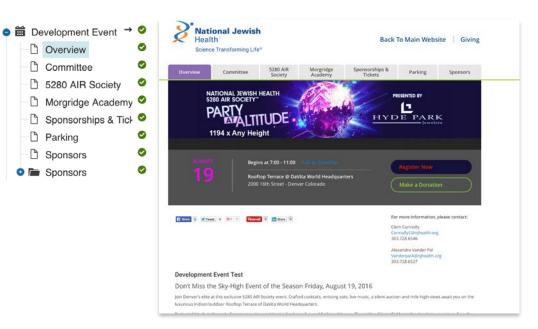






Event Microsites

- Auto-scaffolding with complete structure
- Downloadable ICS
- Options for ticket purchase
- All colors and styles are customizable at the root level of each microsite
- Bootstrap layouts with pre-built pages

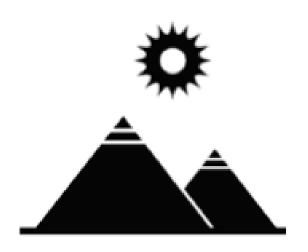






...And lots more

- There are a lot more pieces to this puzzle
- Kentico is a tremendous platform that offers great flexibility
- Next Steps EMS, testing and other advanced marketing activities







Thank you!



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