

Background

The process for treatment planning, ordering, and administration of oral oncolytics typically differs from other routes of drug administration in oncology. Although many centers have established processes for patient education and administration of parenteral drugs through the infusion suite, often patients receiving oral therapies obtain and take their drugs independent of these long-standing processes, requiring a system for oral oncolytic education and adherence monitoring. Advanced practice providers, nurses and pharmacists are often providing patient education for oral oncolytic therapies. A need was identified for clear, concise and unbranded educational tools for those working with these patients.

Methods

Timeline

October 2015

- The National Community Oncology Dispensing Association, Inc., founded and led the formation of a core leadership team with executive directors from the Association of Community Cancer Centers, Hematology/Oncology Pharmacy Association, and Oncology Nursing Society.
- Early meetings were held to support the need for oral chemotherapy education and build the leadership, implementation, and maintenance teams.

November 2016

- The legal framework, financial support, and general infrastructure were established. A memorandum of understanding was developed, and the group began meeting by conference call every three weeks.
- A collaboration was formed between the Association of Community Cancer Centers, Hematology/Oncology Pharmacy Association, National Community Oncology Dispensing Association, Inc., and Oncology Nursing Society.

August 2017

- The development process was outlined, and a file-sharing platform was selected for use. Website development began.
- A design template was created.
- A template of evidence-based symptom management instructions was created. All symptoms were included that affected 30% or more of patients. Black box warnings and serious side effects were also included.
- Production of the Oral Chemotherapy Education sheets began. Each education sheet was designed to include drug-specific content on approved uses, dosing schedule, food and drug interactions, safe storage and handling, side effects, pregnancy and contraception information, and further resources.
- Monthly meetings were continued to address process, design, content, and challenges.

March 2018

- A website containing all of the oral chemotherapy education sheets launched at <http://oralchemoedsheets.com/>.

Process for Oral Chemotherapy Education Sheet Development

OCE Sheet Draft Workflow

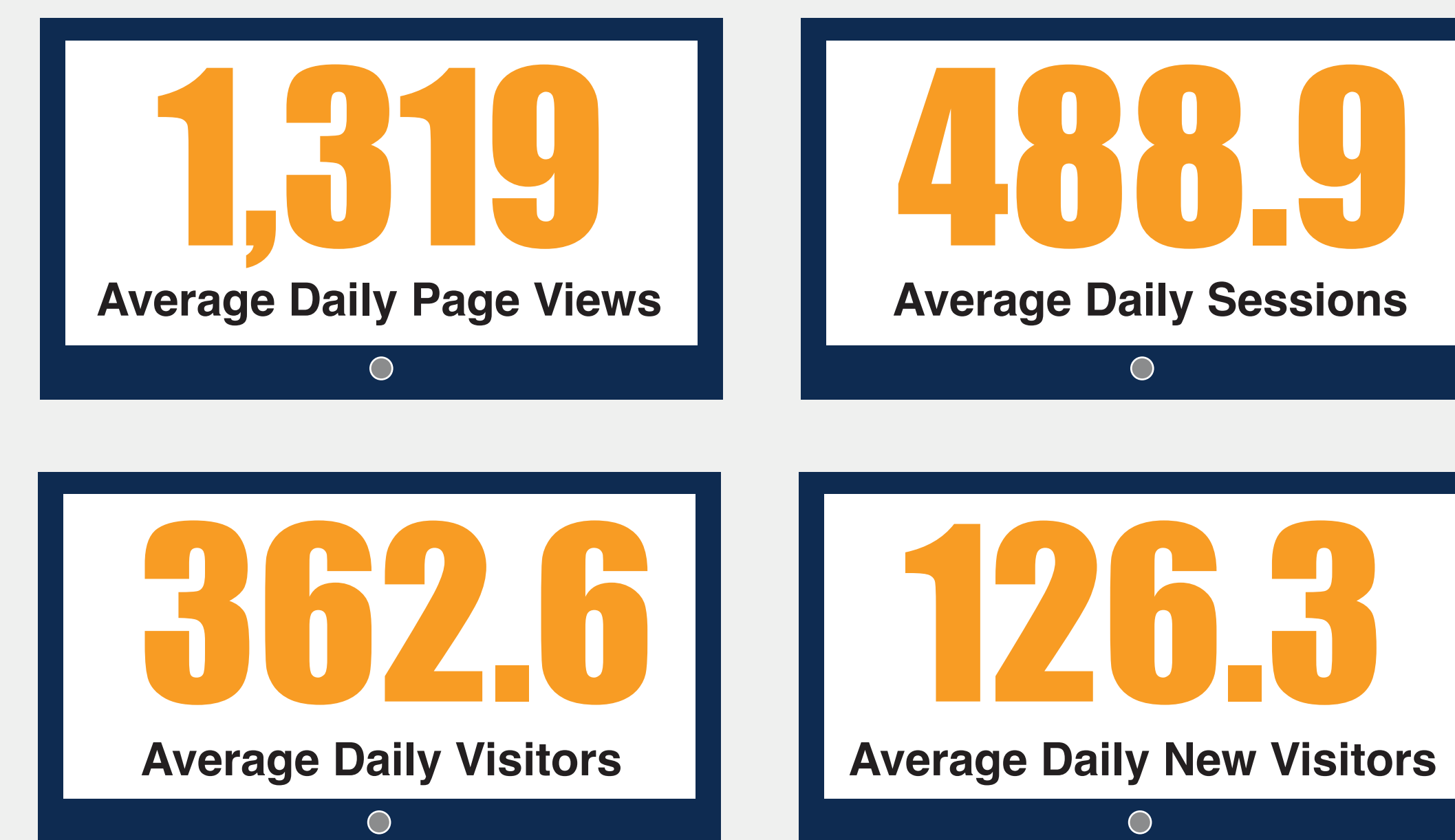


OCE Sheet Maintenance Workflow:

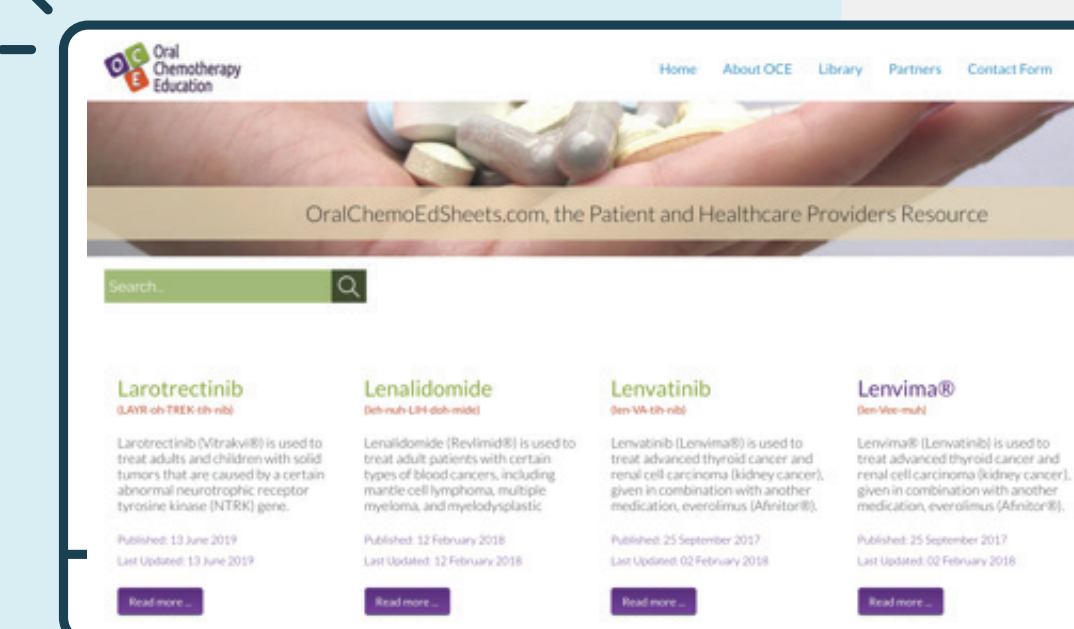
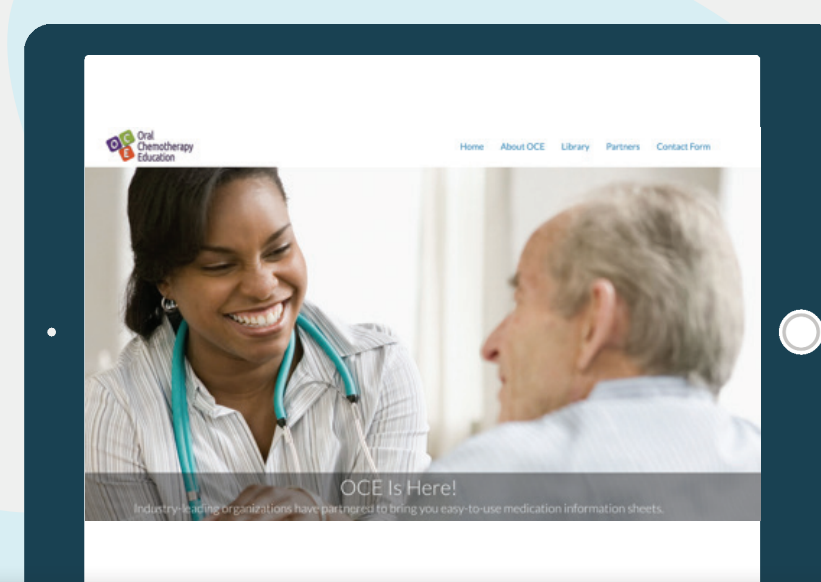


Results

Following the initial launch in March 2018, access to the OCE sheets has continued to increase. In 2018, there were about 167,000 page views, averaging 540-600 views and about 70 new visitors each day. Page views in 2020 increased to 400,411. By the end of August 2021, there were 113 OCE sheets available. The site also offers 9 drug sheets in Spanish, and 10 supplemental (side effect) sheets.



Statistics for August 2021



Conclusion

Through the process of interprofessional collaboration, unbranded patient education tools have been developed to support nurses, pharmacists, and advanced practice providers assisting patients receiving oral oncolytics.

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