

Dissecting the Decision

Investigators Discuss the Available Data and Clinical Factors That Shape the Management of Gastrointestinal Cancers



A special audio supplement to a CME symposium held during the 2017 Gastrointestinal Cancers Symposium featuring expert comments on the application of emerging research to patient care

Faculty Interviews

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UPDATE

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Gastrointestinal Cancer™

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Dissecting the Decision: Investigators Discuss the Available Data and Clinical Factors That Shape the Management of Gastrointestinal Cancers

A Continuing Medical Education Audio Program

OVERVIEW OF ACTIVITY

Colorectal cancer (CRC) is a common and potentially lethal type of cancer, and its clinical management is continuously evolving. Although “non-CRC” gastrointestinal (GI) tumors are less frequently encountered individually, the cancer-related deaths in these subcategories surpass those attributed to CRC. Recently published randomized, controlled studies have led to the emergence of novel biomarkers and new therapeutic targets and regimens, thereby altering existing management algorithms. A number of pivotal data sets illustrating the benefits of several novel agents indicate that additional therapeutic options may soon be available that will warrant consideration. In order to offer optimal patient care — including the option of clinical trial participation — the practicing medical oncologist must be well informed of these advances. This CME program uses one-on-one interviews with 2 leading GI clinical investigators who served as faculty at a recent satellite symposium to discuss cases and questions submitted by attendees. This program will assist practicing clinicians in formulating up-to-date and appropriate clinical management strategies.

LEARNING OBJECTIVES

- Appraise recent data on therapeutic advances and changing practice standards in colorectal, gastric, pancreatic and hepatocellular cancer, and integrate this information, as appropriate, into current clinical care.
- Develop a long-term care plan for individuals with metastatic CRC considering biomarker profile, exposure to prior systemic therapy, symptomatology, performance status and personal goals for treatment.
- Use HER2 status, clinical factors and patient perspectives to optimize the selection and sequence of systemic therapy for patients with locally advanced or metastatic gastric or gastroesophageal cancer.
- Consider age, performance status and other clinical and logistical factors in the selection of systemic therapy for patients with locally advanced or metastatic pancreatic cancer.
- Communicate the benefits and risks of existing and emerging systemic interventions to patients with locally advanced or metastatic hepatocellular cancer.
- Appraise the rationale for and clinical data with anti-PD-1 and anti-PD-L1 antibodies for patients with GI cancers.
- Describe the proposed mechanisms of action of and recall new data with investigational agents demonstrating promising activity in GI cancers, and use this information to counsel appropriate patients regarding participation in ongoing clinical trials.

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Interview with Johanna C Bendell, MD

Tracks 1-16

- Track 1** Perioperative systemic therapy options for patients with pan-RAS wild-type colon cancer and a solitary, operable hepatic metastasis
- Track 2** Primary tumor sidedness as a predictive marker for EGFR antibodies in first- and later-line settings
- Track 3** Biologic rationale for differences between left- and right-sided primary colon cancers
- Track 4** Sequencing TAS-102 and regorafenib in patients with refractory, metastatic colorectal cancer (mCRC)
- Track 5** Neutropenia as a correlate of treatment response in patients with mCRC treated with TAS-102
- Track 6** Initial dosing and dose modifications with regorafenib in mCRC
- Track 7** FOLFOXIRI/bevacizumab as initial treatment for BRAF-mutant mCRC
- Track 8** Triplet combination regimen with BRAF/MEK/EGFR inhibitors for BRAF-mutant mCRC
- Track 9** Clinical evidence for the use of doublet regimens — trastuzumab/lapatinib or trastuzumab/pertuzumab — for HER2-amplified mCRC
- Track 10** Microsatellite instability (MSI), increased mutational burden and response to anti-PD-1/anti-PD-L1 checkpoint inhibitors
- Track 11** Use of anti-PD-1/anti-PD-L1 antibodies versus chemotherapy/biologic regimens as first-line therapy for mCRC
- Track 12** Implication of immune-related adverse events on long-term treatment with anti-PD-1/anti-PD-L1 checkpoint inhibitors
- Track 13** MSI testing in other solid tumors
- Track 14** Anti-PD-1/anti-PD-L1 antibodies alone or in combination with chemotherapy for patients with colon cancer and potentially resectable liver metastases
- Track 15** Biologic rationale for the combination of anti-PD-L1 antibodies and MEK inhibitors in microsatellite-stable mCRC
- Track 16** Clinical strategies to enhance response to anti-PD-1/anti-PD-L1 checkpoint inhibitors in ongoing clinical trials

Interview with Bert H O'Neil, MD

Tracks 17-28

- Track 17** Selection of adjuvant chemotherapy for patients with pancreatic cancer
- Track 18** Choice of neoadjuvant chemotherapy regimen — FOLFIRINOX versus nab paclitaxel/gemcitabine — for pancreatic adenocarcinoma
- Track 19** Activity and tolerability of nanoliposomal irinotecan (nal-IRI; MM-398) with 5-FU/LV as second-line therapy for metastatic pancreatic cancer
- Track 20** Mechanism of action of the recombinant human hyaluronidase enzyme PEGPH20 in pancreatic cancer
- Track 21** Ramucirumab alone or with paclitaxel as second-line therapy for metastatic HER2-negative gastric cancer
- Track 22** Effectiveness of nivolumab as salvage treatment after second- or later-line chemotherapy for advanced gastric or gastroesophageal junction cancer
- Track 23** Activity and tolerability of the cancer stemness inhibitor napabucasin (BBI608) in combination with chemotherapy for advanced gastric cancer and other solid tumors
- Track 24** Initial dosing and dose modifications with sorafenib for patients with hepatocellular carcinoma (HCC) with Child-Pugh A cirrhosis
- Track 25** Sequencing regorafenib and checkpoint inhibitors as second-line therapy in advanced HCC
- Track 26** Results of the Phase III RESORCE trial: Regorafenib for patients with HCC and disease progression on sorafenib
- Track 27** Activity and duration of response with nivolumab in advanced HCC
- Track 28** Investigation of immune checkpoint inhibitor-based combination therapies for patients with advanced HCC

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Related Video Program

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Topics covered include:

- ▶ Important systemic treatment considerations for patients with pancreatic adenocarcinoma
- ▶ Current and future treatment of gastric and gastroesophageal cancer
- ▶ Systemic therapy in the multidisciplinary management of hepatocellular carcinoma; novel agents and strategies
- ▶ Biologic and clinical factors in the selection and sequencing of systemic therapy for patients with metastatic colorectal cancer
- ▶ Later-line management of progressive metastatic colorectal cancer
- ▶ Checkpoint inhibitors in the treatment of metastatic colorectal cancer

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Dissecting the Decision: Investigators Discuss the Available Data and Clinical Factors That Shape the Management of Gastrointestinal Cancers

QUESTIONS (PLEASE CIRCLE ANSWER):

- Data suggest a lack of activity of EGFR antibodies as initial therapy for patients with CRC whose primary tumors originated on the _____ side of the colon.
 - Left
 - Right
 - Neither a nor b
- Data reported from the Phase III RECURSE trial of TAS-102 versus placebo for patients with refractory CRC demonstrated the onset of _____ to be a correlate of treatment response in patients who received TAS-102.
 - Diarrhea
 - Hand-foot syndrome
 - Neutropenia
- What is the approximate incidence of HER2-amplified mCRC?
 - 5%
 - 20%
 - 40%
- Interim data presented by Hurwitz and colleagues at the 2017 Gastrointestinal Cancers Symposium on the MyPathway trial evaluating pertuzumab and trastuzumab reported this chemotherapy-free regimen to be active in patients with heavily pretreated HER2-amplified CRC.
 - True
 - False
- Which of the following is the mechanism of action of PEGPH20?
 - Anti-PD-1/PD-L1 antibody
 - MEK inhibitor
 - Recombinant human hyaluronidase enzyme
- A recent study published in *The New England Journal of Medicine* and subsequently updated at ASCO 2016 demonstrated that patients with _____ CRC experienced objective responses to treatment with the immune checkpoint inhibitor pembrolizumab.
 - Mismatch repair (MMR) proficient
 - MMR deficient
 - Both a and b
- MEK inhibitors may increase infiltration of CD8-positive T cells into tumors, which is the biologic rationale for combining them with anti-PD-1/PD-L1 checkpoint inhibitors for patients with microsatellite-stable mCRC.
 - True
 - False
- The Phase III NAPOLI-1 trial evaluating nanoliposomal irinotecan (nal-IRI) with or without 5-FU/LV versus 5-FU/LV alone for patients with metastatic pancreatic cancer after disease progression on gemcitabine-based therapy _____ a clinical benefit with the addition of nal-IRI to 5-FU/LV compared to 5-FU/LV alone.
 - Demonstrated
 - Did not demonstrate
- Napabucasin (BBI608) is a _____ under evaluation in combination with chemotherapy for patients with advanced gastric cancer and other solid tumors.
 - Anti-PD-1/PD-L1 inhibitor
 - Cancer stemness inhibitor
 - VEGF inhibitor
- Patients with advanced HCC and disease progression on sorafenib treated with regorafenib on the Phase III RESORCE trial _____ experience a benefit as compared to those who received placebo.
 - Did
 - Did not

EDUCATIONAL ASSESSMENT AND CREDIT FORM

Dissecting the Decision: Investigators Discuss the Available Data and Clinical Factors That Shape the Management of Gastrointestinal Cancers

Research To Practice is committed to providing valuable continuing education for oncology clinicians, and your input is critical to helping us achieve this important goal. Please take the time to assess the activity you just completed, with the assurance that your answers and suggestions are strictly confidential.

PART 1 — Please tell us about your experience with this educational activity

How would you characterize your level of knowledge on the following topics?

4 = Excellent 3 = Good 2 = Adequate 1 = Suboptimal

	BEFORE	AFTER
Effect of tumor location on selection of therapy for patients with mCRC	4 3 2 1	4 3 2 1
Identification of patients with metastatic pancreatic cancer appropriate for treatment with nanoliposomal irinotecan in combination with 5-FU/LV	4 3 2 1	4 3 2 1
Effectiveness of nivolumab as salvage treatment after second- or later-line chemotherapy for advanced gastric or gastroesophageal junction cancer	4 3 2 1	4 3 2 1
Results from the Phase III RESORCE trial and potential role of regorafenib in patients with relapsed/refractory HCC	4 3 2 1	4 3 2 1

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- Academic center/medical school Community cancer center/hospital Group practice
 Solo practice Government (eg, VA) Other (please specify).....

Was the activity evidence based, fair, balanced and free from commercial bias?

- Yes No If no, please explain:

Please identify how you will change your practice as a result of completing this activity (select all that apply).

- This activity validated my current practice
 Create/revise protocols, policies and/or procedures
 Change the management and/or treatment of my patients
 Other (please explain):

If you intend to implement any changes in your practice, please provide 1 or more examples:

.....

The content of this activity matched my current (or potential) scope of practice.

- Yes No If no, please explain:

Please respond to the following learning objectives (LOs) by circling the appropriate selection:

4 = Yes 3 = Will consider 2 = No 1 = Already doing N/M = LO not met N/A = Not applicable

As a result of this activity, I will be able to:

- Appraise recent data on therapeutic advances and changing practice standards in colorectal, gastric, pancreatic and hepatocellular cancer, and integrate this information, as appropriate, into current clinical care. 4 3 2 1 N/M N/A
- Develop a long-term care plan for individuals with metastatic CRC considering biomarker profile, exposure to prior systemic therapy, symptomatology, performance status and personal goals for treatment. 4 3 2 1 N/M N/A
- Use HER2 status, clinical factors and patient perspectives to optimize the selection and sequence of systemic therapy for patients with locally advanced or metastatic gastric or gastroesophageal cancer. 4 3 2 1 N/M N/A
- Consider age, performance status and other clinical and logistical factors in the selection of systemic therapy for patients with locally advanced or metastatic pancreatic cancer 4 3 2 1 N/M N/A

EDUCATIONAL ASSESSMENT AND CREDIT FORM (continued)

As a result of this activity, I will be able to:

- Communicate the benefits and risks of existing and emerging systemic interventions to patients with locally advanced or metastatic hepatocellular cancer. 4 3 2 1 N/M N/A
- Appraise the rationale for and clinical data with anti-PD-1 and anti-PD-L1 antibodies for patients with GI cancers. 4 3 2 1 N/M N/A
- Describe the proposed mechanisms of action of and recall new data with investigational agents demonstrating promising activity in GI cancers, and use this information to counsel appropriate patients regarding participation in ongoing clinical trials. 4 3 2 1 N/M N/A

Please describe any clinical situations that you find difficult to manage or resolve that you would like to see addressed in future educational activities:

.....

Would you recommend this activity to a colleague?

Yes No If no, please explain:

PART 2 — Please tell us about the faculty and editor for this educational activity						
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Bert H O'Neil, MD	4	3	2	1	4	3 2 1
Editor	Knowledge of subject matter				Effectiveness as an educator	
Neil Love, MD	4	3	2	1	4	3 2 1

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