# AN EVENING WITH THE INVESTIGATORS

Perspectives on Key Questions and Emerging Research in the Management of Lymphoma and Multiple Myeloma



A special audio supplement to a CME symposium held during the 2017 American Society of Clinical Oncology Annual Meeting featuring expert comments on the application of emerging research to patient care

# Faculty Interviews

Jonathan W Friedberg, MD, MMSc S Vincent Rajkumar, MD

# Editor

Neil Love, MD













Editor Neil Love, MD

Director, Clinical Content and CPD/CME Kathryn Ault Ziel, PhD

Scientific Director Richard Kaderman, PhD

Editorial Clayton Campbell

Marilyn Fernandez, PhD

Adam P Hustad Gloria Kelly, PhD

Kemi Obajimi, PhD Margaret Peng

Creative Manager Fernando Rendina

Graphic Designers Jessica Benitez

Tamara Dabney Silvana Izquierdo

Senior Manager, Special Projects Kirsten Miller

Senior Production Editor Aura Herrmann

Copy Editors Rosemary Hulce

Pat Morrissev/Havlin

Alexis Oneca

Kyriaki Tsaganis

Production Manager Tracy Potter

Audio Production Frank Cesarano

Web Master John Ribeiro

Faculty Relations Manager Stephanie Bodanyi, CMP

Continuing Education Administrator for Nursing Karen Gabel Speroni, BSN, MHSA, PhD, RN

Contact Information Neil Love, MD

Research To Practice One Biscayne Tower

2 South Biscayne Boulevard, Suite 3600

Miami, FL 33131

Fax: (305) 377-9998

Email: DrNeilLove@ResearchToPractice.com

For CME/CNE Information Email: CE@ResearchToPractice.com

Copyright © 2017 Research To Practice. All rights reserved.

The compact disc, Internet content and accompanying printed material are protected by copyright. No part of this program may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or utilizing any information storage and retrieval system, without written permission from the copyright owner.

The opinions expressed are those of the presenters and are not to be construed as those of the publisher or grantors.

Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their

own professional development. The information presented in this activity is not meant to serve as a guideline for patient management.

Any procedures, medications or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patients conditions and possible contraindications or dangers in use, review of any applicable manufacturer's product information and comparison with recommendations of other authorities.

# An Evening with the Investigators: Perspectives on Key Questions and Emerging Research in the Management of Lymphoma and Multiple Myeloma A Continuing Medical Education Activity

#### OVERVIEW OF ACTIVITY

The treatment of hematologic cancers remains a challenge for many healthcare professionals and patients despite recent gains in the management of lymphoid, myeloid and leukemic diseases. Determining which treatment approach is most appropriate requires careful consideration of patient characteristics, physician expertise and available health-system resources. To bridge the gap between research and patient care, this program features one-on-one discussions with leading hematology-oncology investigators. By providing information on the latest clinical developments in the context of expert perspectives, this activity assists medical oncologists, hematologists and hematology-oncology fellows with the formulation of evidence-based and current therapeutic strategies, which in turn facilitates optimal patient care.

#### LEARNING OBJECTIVES

- Customize the use of induction, consolidation and maintenance therapeutic approaches for patients with multiple
  myeloma (MM) in the post-transplant and nontransplant settings, considering patient- and disease-related factors,
  including cytogenetic profile.
- Consider published research data and other clinical factors in the best-practice selection, sequencing or combining
  of available therapeutic agents in the nonresearch care of patients with relapsed/refractory (R/R) MM.
- Individualize the selection and sequence of systemic therapy for patients with newly diagnosed and R/R chronic lymphocytic leukemia (CLL), considering clinical presentation, biomarker profile and psychosocial status.
- Consider existing and emerging clinical research data in the formulation of therapeutic recommendations for patients with newly diagnosed and R/R diffuse large B-cell lymphoma, follicular lymphoma and mantle cell lymphoma.
- Review emerging clinical trial data on the efficacy and safety of brentuximab vedotin for patients with Hodgkin lymphoma (HL) and other CD30-positive lymphomas, and use this information to prioritize protocol and nonresearch options for these patients.
- Compare and contrast the mechanisms of action, efficacy and safety of approved and investigational immunotherapeutic approaches such as chimeric antigen receptor T-cell-directed therapy for the treatment of HL, non-Hodgkin lymphoma, CLL and MM to determine the current and/or potential utility of each in clinical practice.

### ACCREDITATION STATEMENT

Research To Practice is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### CREDIT DESIGNATION STATEMENT

Research To Practice designates this enduring material for a maximum of 1.5 AMA PRA Category 1 Credits<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMERICAN BOARD OF INTERNAL MEDICINE (ABIM) — MAINTENANCE OF CERTIFICATION (MOC) Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 1.5 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit. Please note, this program has been specifically designed for the following ABIM specialty: medical oncology. Personal information and data sharing: Research To Practice aggregates deidentified user data for program-use analysis, program development, activity planning and site improvement. We may provide aggregate and deidentified data to third parties, including commercial supporters. We do not share or sell personally identifiable information to any unaffiliated third parties or commercial supporters. Please see our privacy policy at ResearchToPractice.com/Privacy-Policy for more information.

#### HOW TO USE THIS CME ACTIVITY

This CME activity contains an audio component. To receive credit, the participant should review the CME information, listen to the audio tracks, complete the Post-test with a score of 80% or better and fill out the Educational Assessment and Credit Form located in the back of this booklet or on our website at **ResearchToPractice.com/HemInvestigators17/CME**. The corresponding video program is available as an alternative at **ResearchToPractice.com/HemInvestigators17/Video**.

This activity is supported by educational grants from AbbVie Inc, Amgen Inc, AstraZeneca Pharmaceuticals LP/Acerta Pharma, Bayer HealthCare Pharmaceuticals, Bristol-Myers Squibb Company, Celgene Corporation, Genentech BioOncology, Kite Pharma Inc and Seattle Genetics.

Release date: October 2017; Expiration date: October 2018

# **CME INFORMATION**

# **FACULTY AFFILIATIONS**



Jonathan W Friedberg, MD, MMSc Samuel E Durand Professor of Medicine Director James P Wilmot Cancer Institute University of Rochester Rochester, New York



S Vincent Rajkumar, MD Edward W and Betty Knight Scripps Professor of Medicine Division of Hematology Chair, Myeloma Amyloidosis Dysproteinemia Group Mayo Clinic Rochester. Minnesota

#### **EDITOR**



Neil Love, MD Research To Practice Miami, Florida

#### CONTENT VALIDATION AND DISCLOSURES

Research To Practice (RTP) is committed to providing its participants with high-quality, unbiased and state-of-theart education. We assess conflicts of interest with faculty, planners and managers of CME activities. Conflicts of interest are identified and resolved through a conflict of interest resolution process. In addition, all activity content is reviewed by both a member of the RTP scientific staff and an external, independent physician reviewer for fair balance, scientific objectivity of studies referenced and patient care recommendations.

FACULTY - Dr Rajkumar had no relevant conflicts of interest to disclose. The following faculty (and his spouse/partner) reported a relevant conflict of interest, which has been resolved through a conflict of interest resolution process: Dr Friedberg — Data and Safety Monitoring Board: Bayer HealthCare Pharmaceuticals. EDITOR — Dr Love is president and CEO of Research To Practice, which receives funds in the form of educational grants to develop CME activities from the following commercial interests: AbbVie Inc, Acerta Pharma, Adaptive Biotechnologies, Agendia Inc, Agios Pharmaceuticals Inc, Amgen Inc, Ariad Pharmaceuticals Inc, Array BioPharma Inc, Astellas Pharma Global Development Inc, AstraZeneca Pharmaceuticals LP, Baxalta Inc, Bayer HealthCare Pharmaceuticals, Biodesix Inc, bioTheranostics Inc, Boehringer Ingelheim Pharmaceuticals Inc, Boston Biomedical Pharma Inc, Bristol-Myers Squibb Company, Celgene Corporation, Clovis Oncology, CTI BioPharma Corp, Dendreon Pharmaceuticals Inc, Eisai Inc, Exelixis Inc, Foundation Medicine, Genentech BioOncology, Genomic Health Inc, Gilead Sciences Inc, Halozyme Inc, ImmunoGen Inc, Incyte Corporation, Infinity Pharmaceuticals Inc, Ipsen Biopharmaceuticals Inc, Janssen Biotech Inc, administered by Janssen Scientific Affairs LLC, Jazz Pharmaceuticals Inc, Kite Pharma Inc, Lexicon Pharmaceuticals Inc, Lilly, Medivation Inc, a Pfizer Company, Merck, Merrimack Pharmaceuticals Inc, Myriad Genetic Laboratories Inc, NanoString Technologies, Natera Inc, Novartis, Novocure, Onyx Pharmaceuticals, an Amgen subsidiary, Pharmacyclics LLC, an AbbVie Company, Prometheus Laboratories Inc, Puma Biotechnology Inc, Regeneron Pharmaceuticals Inc, Sanofi Genzyme, Seattle Genetics, Sigma-Tau Pharmaceuticals Inc, Sirtex Medical Ltd, Spectrum Pharmaceuticals Inc., Taiho Oncology, Inc., Takeda Oncology, Tesaro Inc., Teva Oncology, and Tokai Pharmaceuticals Inc.

**RESEARCH TO PRACTICE STAFF AND EXTERNAL REVIEWERS** — The scientific staff and reviewers for Research To Practice have no relevant conflicts of interest to disclose.

This educational activity contains discussion of published and/or investigational uses of agents that are not indicated by the Food and Drug Administration. Research To Practice does not recommend the use of any agent outside of the labeled indications. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications and warnings. The opinions expressed are those of the presenters and are not to be construed as those of the publisher or grantors.

If you would like to discontinue your complimentary subscription to *Hematologic Oncology Update*, please email us at Info@ResearchToPractice.com, call us at (800) 648-8654 or fax us at (305) 377-9998. Please include your full name and address, and we will remove you from the mailing list.

# Interview with Jonathan W Friedberg, MD, MMSc

# Tracks 1-20

Track 1	Current up-front management
	strategies for chronic lymphocytic
	leukemia (CLL)

- Track 2 Ibrutinib versus FCR (fludarabine/ cyclophosphamide/rituximab) as up-front treatment of CLL
- **Track 3** Ibrutinib as up-front treatment for CLL with del(17p)
- Track 4 Treatment with ibrutinib for patients with atrial fibrillation or those receiving anticoagulation
- Track 5 Clinical trials evaluating venetoclax in the up-front treatment of CLL
- **Track 6** Activity and duration of therapy with venetoclax in CLL
- **Track 7** Rate of acquiring the del(17p) abnormality during clonal evolution
- Track 8 Choice of second-line therapy for patients with CLL and del(17p) after disease progression on ibrutinib
- **Track 9** Management strategy for venetoclax-associated tumor lysis syndrome
- Track 10 Primary results of the Phase III
  GALLIUM study: Obinutuzumab-based induction and maintenance therapy prolongs progression-free survival (PFS) for patients with previously untreated follicular lymphoma
- Track 11 PI3 kinase inhibitors in the treatment of relapsed indolent B-cell lymphomas

- **Track 12** Comparison of the toxicity profiles of idelalisib versus copanlisib
- **Track 13** Toxicity profiles of the Bruton tyrosine kinase (BTK) inhibitors ibrutinib and acalabrutinib
- Track 14 Perspective on the benefits of maintenance rituximab in younger and older patients with mantle cell lymphoma (MCL)
- Track 15 Activity of venetoclax in relapsed or refractory MCL
- Track 16 ZUMA-2: Ongoing Phase II trial of KTE-C19 chimeric antigen receptor (CAR) T-cell-directed therapy in relapsed/refractory MCL
- Track 17 Efficacy and safety of KTE-C19 and CTL019 anti-CD19 CAR T-cell therapy for patients with relapsed or refractory lymphoma
- **Track 18** Role of lenalidomide in the treatment of diffuse large B-cell lymphoma (DLBCL)
- **Track 19** Effectiveness of brentuximab vedotin in CD30-positive DLBCL
- Track 20 Brentuximab vedotin as consolidation therapy for patients with Hodgkin lymphoma who are at high risk for residual disease after autologous stem cell transplant (ASCT)

# Interview with S Vincent Rajkumar, MD

# Tracks 1-17

- Track 1 CAR T-cell therapy for multiple myeloma (MM)
- **Track 2** Clinical role of ASCT in the era of novel agents and regimens for MM
- **Track 3** Selection of induction therapy for standard-risk versus high-risk MM
- **Track 4** Elotuzumab and daratumumab in relapsed MM
- Track 5 Approach to the selection of induction therapy for elderly patients with standard-risk MM
- Track 6 Incorporation of ixazomib into proteasome inhibitor-containing regimens for MM

- **Track 7** Tolerability profile of ixazomib compared to bortezomib or carfilzomib
- Track 8 Cardiac complications of carfilzomib in patients with MM
- **Track 9** Management and mitigation strategies of carfilzomib-associated dyspnea
- Track 10 Maintenance therapy options for patients with standard-risk versus high-risk MM
- **Track 11** Potential use of ixazomib as maintenance therapy in MM
- **Track 12** Long-term treatment of MM with proteasome inhibitors
- Track 13 The mSMART approach to managing MM

# Interview with Dr Rajkumar (continued)

- Track 14 Therapeutic options for patients with MM initially treated with RVd (lenalidomide/bortezomib/dexamethasone) and ASCT who experience disease relapse while receiving lenalidomide maintenance
- **Track 15** Duration of lenalidomide maintenance therapy
- Track 16 Efficacy of daratumumab in combination with dexamethasone and bortezomib or lenalidomide in relapsed or refractory MM
- **Track 17** Venetoclax as a potential treatment for MM with t(11:14)

# Video Program

View the corresponding video interviews with (from left) Drs Friedberg and Rajkumar by Dr Love at <a href="https://www.ResearchToPractice.com/HemInvestigators17/Video">www.ResearchToPractice.com/HemInvestigators17/Video</a>.



Also, visit <a href="https://www.ResearchToPractice.com/HemInvestigators17/Proceedings">www.ResearchToPractice.com/HemInvestigators17/Proceedings</a> for the full video proceedings and accompanying slide sets from the related CME event at the 2017 ASCO Annual Meeting.

# Have Questions or Cases You Would Like Us to Pose to the Faculty?





Submit them to us via Facebook or Twitter and we will do our best to get them answered for you

Facebook.com/ResearchToPractice or Twitter @DrNeilLove

# **SELECT PUBLICATIONS**

Attal M et al. Lenalidomide maintenance after stem-cell transplantation for multiple myeloma. N Engl J Med 2012;366(19):1782-91.

Burger JA et al. Ibrutinib as initial therapy for patients with chronic lymphocytic leukemia. N Engl J Med 2015;373(25):2425-37.

Byrd JC et al. Acalabrutinib (ACP-196) in relapsed chronic lymphocytic leukemia. N Engl J Med 2016;374(4):323-32.

Davids MS et al. Phase I first-in-human study of venetoclax in patients with relapsed or refractory non-Hodgkin lymphoma. J Clin Oncol 2017;35(8):826-33.

Dimopoulos MA et al. Daratumumab, lenalidomide, and dexamethas one for multiple myeloma.  $N Engl \ J \ Med \ 2016;375(14):1319-31$ .

Dispenzieri A et al. Treatment of immunoglobulin light chain amyloidosis: Mayo stratification of myeloma and risk-adapted therapy (mSMART) consensus statement. *Mayo Clin Proc* 2015;90(8):1054-81.

Eichhort B et al. First-line chemoimmunotherapy with bendamustine and rituximab versus fludarabine, cyclophosphamide, and rituximab in patients with advanced chronic lymphocytic leukaemia (CLL10): An international, open-label, randomised, phase 3, non-inferiority trial. *Lancet Oncol* 2016;17(7):928-42.

Hofmeister CC, Lonial S. **How to integrate elotuzumab and daratumumab into therapy for multiple myeloma.** *J Clin Oncol* 2016;34(36):4421-30.

Jacobsen ED et al. Brentuximab vedotin demonstrates objective responses in a phase 2 study of relapsed/refractory DLBCL with variable CD30 expression. Blood 2015;125(9):1394-402.

Jones J et al. Venetoclax (ven) monotherapy for patients with chronic lymphocytic leukemia (CLL) who relapsed after or were refractory to ibrutinib or idelalisib. *Proc ASH* 2016:Abstract 637.

Locke FL et al. Phase 1 results of ZUMA-1: A multicenter study of KTE-C19 anti-CD19 CAR T cell therapy in refractory aggressive lymphoma. *Mol Ther* 2017;25(1):285-95.

Lonial S et al. Elotuzumab therapy for relapsed or refractory multiple myeloma. N Engl J Med 2015;373(7):621-31.

Ludwig H et al. **IMWG consensus on maintenance therapy in multiple myeloma.** *Blood* 2012;119(13):3003-15.

Marcus RE et al. Obinutuzumab-based induction and maintenance prolongs progression-free survival (PFS) in patients with previously untreated follicular lymphoma: Primary results of the randomized phase 3 GALLIUM study. *Proc ASH* 2016; Abstract 6.

Moskowitz C et al. Brentuximab vedotin as consolidation therapy after autologous stemcell transplantation in patients with Hodgkin's lymphoma at risk of relapse or progression (AETHERA): A randomised, double-blind, placebo-controlled, phase 3 trial. *Lancet* 2015;385(9980):1853-62.

Palumbo A et al. Daratumumab, bortezomib, and dexamethasone for multiple myeloma.  $N\ Engl\ J\ Med\ 2016;375(8):754-66.$ 

Roberts AW et al. Venetoclax in patients with previously treated chronic lymphocytic leukemia. Clin Cancer Res 2017; [Epub ahead of print].

Rosenthal A et al. Carfilzomib and the cardiorenal system in myeloma: An endothelial effect? Blood Cancer J 2016;6:e384.

Rummel MJ et al. Two years rituximab maintenance vs observation after first-line treatment with bendamustine plus rituximab (B-R) in patients with mantle cell lymphoma: First results of a prospective, randomized, multicenter phase II study (a subgroup study of the StiL NHL7-2008 MAINTAIN trial). Proc ASCO 2016; Abstract 7503.

Shah JJ et al. Carfilzomib, pomalidomide, and dexamethasone for relapsed or refractory myeloma. *Blood* 2015;126(20):2284-90.

Stewart AK et al. Carfilzomib, lenalidomide, and dexamethasone for relapsed multiple myeloma. N Engl J Med 2015;372(2):142-52.

Stilgenbauer S et al. Venetoclax in relapsed or refractory chronic lymphocytic leukaemia with 17p deletion: A multicentre, open-label, phase 2 study. *Lancet Oncol* 2016;17(6):768-78.

Study of efficacy and safety of CTL019 in adult DLBCL patients (JULIET). NCT02445248

Touzeau C et al. Deep and sustained response after venetoclax therapy in a patient with very advanced refractory myeloma with translocation t(11;14). Haematologica 2017;102(3):e112-4.

#### POST-TEST

# An Evening with the Investigators: Perspectives on Key Questions and Emerging Research in the Management of Lymphoma and Multiple Myeloma

# QUESTIONS (PLEASE CIRCLE ANSWER):

- 1. Which of the following observations was made in the Phase III GALLIUM study evaluating obinutuzumab- versus rituximab-based induction and maintenance therapy for previously untreated follicular lymphoma?
  - a. No difference in PFS
  - b. PFS favoring rituximab
  - c. PFS favoring obinutuzumab
- 2. The majority of patients with del(17p) CLL
  - a. Present up front with the 17p deletion
  - b. Acquire the 17p deletion over the course of their disease
- Tumor lysis syndrome is an adverse event associated with venetoclax therapy for patients with CLL.
  - a. True
  - b. False
- is an FDA-approved orally bioavailable inhibitor of the delta isoform of PI3 kinase for the treatment of relapsed CII
  - a. Copanlisib
  - b. Ibrutinib
  - c. Idelalisib
  - d. TGR-1202
- 5. The results of the Phase III POLLUX trial of lenalidomide and dexamethasone with or without daratumumab for patients with MM who have received 1 or more prior lines of therapy failed to demonstrate a statistically significant improvement in PFS with the addition of daratumumab.
  - a. True
  - b. False

- 6. Which of the following statements is false about the use of proteasome inhibitors in the management of MM?
  - a. Carfilzomib is associated with shortness of breath
  - In comparison to bortezomib, carfilzomib is associated with a higher incidence of neuropathy
  - c. Ixazomib is an orally bioavailable proteasome inhibitor
  - d. All of the above
  - e. None of the above
- Lenalidomide-induced diarrhea in patients with MM may be caused by bile acid malabsorption, which may be treated with bile acid sequestrants like colestipol.
  - a. True
  - b. False
- 8. For frail, elderly patients with MM who have received at least 1 prior line of therapy, the administration of elotuzumab may be considered before daratumumab because
  - a. Elotuzumab is easier to tolerate
  - b. Elotuzumab is faster to infuse
  - c. Both a and b
- 9. Acalabrutinib is a(n) \_\_\_\_\_
  - a. Anti-PD-1/PD-L1 antibody
    - b. BTK inhibitor
    - c. Immunomodulatory drug
- 10. Because it is universally expressed on malignant plasma cells, which of the following antigens is an attractive target for CAR T-cell-directed therapy in MM?
  - a. B-cell maturation antigen (BCMA)
  - b. CD19
  - c. CD33

# **EDUCATIONAL ASSESSMENT AND CREDIT FORM**

# An Evening with the Investigators: Perspectives on Key Questions and Emerging Research in the Management of Lymphoma and Multiple Myeloma

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

4 = Excellent $3 = Good$	g top		1 = Suboptimal
4 = Excellent	_		
		BEFORE	AFTER
Clinical strategies to introduce venetoclax into the up-front treatment hematologic cancers and management of venetoclax-associated tumor lysis syndrome	4 3 2 1	4 3 2 1	
Results from the Phase III GALLIUM trial of obinutuzumab or rituxima in combination with chemotherapy followed by obinutuzumab or rituximab maintenance for untreated advanced indolent non-Hodgkin lymphoma	4 3 2 1	4 3 2 1	
Activity of brentuximab vedotin in CD30-positive DLBCL and Hodgkin lymphoma	4 3 2 1	4 3 2 1	
Emerging data and ongoing clinical trials of CAR T-cell therapy for patients with hematologic cancers		4 3 2 1	4 3 2 1
Tolerability and side-effect differences between the BTK inhibitors ibrutinib and acalabrutinib	4 3 2 1	4 3 2 1	
Effectiveness and toxicity profiles of FDA-approved (idelalisib) and investigational (copanlisib and TGR-1202) PI3K inhibitors for indole non-Hodgkin lymphoma	nt	4 3 2 1	4 3 2 1
Was the activity evidence based, fair, balanced and free from comm  Yes No If no, please explain:  Please identify how you will change your practice as a result of com 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 pro			
			•
Yes   ☐ No If no, please explain:	the	appropriate sele	
Yes $\bigcirc$ No If no, please explain:	the	appropriate sele	
Please respond to the following learning objectives (LOs) by circling	the LO n peut splar rs, in	appropriate sele ot met N/A = N  ic it and icluding	lot applicable

EDUCATIONAL ASSESSMENT AND CREDIT FORM (continued)  Individualize the selection and sequence of systemic therapy for patients with newly diagnosed and R/R chronic lymphocytic leukemia (CLL), considering clinical presentation, biomarker profile and psychosocial status												
Consider existing and emerging clinical research data in the formulation of therapeutic recommendations for patients with newly diagnosed and R/R diffuse large B-cell lymphoma, follicular lymphoma and mantle cell lymphoma												
patients with Hodgkin lymphoma (HL) and other CD30-positive lymphomas, and use this information to prioritize protocol and nonresearch options for these patients 4 3 2 1 N/M  • Compare and contrast the mechanisms of action, efficacy and safety of approved and												
investigational immunotherapeutic approaches such as chimeric antigen receptor T-cell-directed therapy for the treatment of HL, non-Hodgkin lymphoma, CLL and MM to determine the current and/or potential utility of each in clinical practice 4 3 2 1 N/M N// Please describe any clinical situations that you find difficult to manage or resolve that you would like												
Please describe any clinical situation to see addressed in future education.	s that you al activities	find d s:	lifficu	ult to mana	ge or resolv	e that	you v	vould li	ke			
Would you recommend this activity to a colleague?  — Yes — No If no, please explain:												
PART 2 — Please tell us about th	e faculty a	nd edi	itor fo	or this educ	ational acti	vitv						
	B = Good			dequate	1 = Sub	-	al					
Faculty	Knowled			ect matter				educat	or			
Jonathan W Friedberg, MD, MMSc	4	3	2	1	4	3	2	1				
S Vincent Rajkumar, MD	4	3	2	1	4	3	2	1				
Editor	Knowled	Knowledge of subject matter				Effectiveness as an educator						
Neil Love, MD	4	3	2	1	4	3	2	1				
REQUEST FOR CREDIT — Please print clearly												
Name:				. Specialty:								
Professional Designation:  MD DO PharmD	□ NP	□ R	RN	□ PA	□ Other:							
Street Address:					Box/Suite:							
City, State, Zip:												
Telephone:		Fax	<b>(:</b> .									
Email:												
Research To Practice designates this enduring material for a maximum of 1.5 AMA PRA Category 1 Credits <sup>TM</sup> . Physicians should claim only the credit commensurate with the extent of their participation in the activity.												
I certify my actual time spent to comp	plete this e	ducati	ional	activity to I	oe	_ hou	r(s).					
Signature:					Date:							
<ul> <li>I would like Research To Practice points. I understand that because I all share personally identifiable information.</li> <li>Additional information for MOC credit</li> </ul>	m requestir ion with the	ng MO e ACCI	C cre	edit, Resear								
Date of Birth (Month and Day Only):	•		6-Dis	git ID Numh	er:							
If you are not sure of your ABIM ID, p												

The expiration date for this activity is October 2018. To obtain a certificate of completion and receive credit for this activity, please complete the Post-test, fill out the Educational Assessment and Credit Form and fax both to (800) 447-4310, or mail both to Research To Practice, One Biscayne Tower, 2 South Biscayne Boulevard, Suite 3600, Miami, FL 33131. You may also complete the Post-test and Educational Assessment online at www.ResearchToPractice.com/HemInvestigators17/CME.

2ID 1887

PRSRT STD U.S. POSTAGE PAID MIAMI, FL PERMIT #1317

# Hematologic Oncology

Neil Love, MD Research To Practice One Biscayne Tower 2 South Biscayne Boulevard, Suite 3600 Miami, FL 33131 Copyright © 2017 Research To Practice.

This activity is supported by educational grants from AbbVie Inc,
Amgen Inc, AstraZeneca Pharmaceuticals LP/Acerta Pharma,
Bayer HealthCare Pharmaceuticals, Bristol-Myers Squibb
Company, Celgene Corporation, Genentech BioOncology,
Kite Pharma Inc and Seattle Genetics.

# Research To Practice®

Research To Practice is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Release date: October 2017 Expiration date: October 2018 Estimated time to complete: 1.5 hours