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**Clinical Updates for
Nurse Practitioners and
Physician Assistants: 2012/2013**



**December 8, 2012
Seattle Airport Marriott
Seattle, WA**

Course Directors
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Activity Director
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Program Evaluation
December 26, 2012

In December 2012, the National Association for Continuing Education (NACE) sponsored a CE activity, *Clinical Updates for Nurse Practitioners and Physician Assistants: 2012/2013*, in Seattle, WA.

This educational activity was designed to provide nurse practitioners and physician assistants the opportunity to learn about Osteoporosis, Psoriasis, Inflammatory Bowel Disease, Diabetes, and Atrial Fibrillation.

In planning this CE activity, NACE performed a needs assessment. A literature search was conducted, national guidelines were reviewed, survey data was analyzed, and experts in each therapeutic area were consulted to determine gaps in practitioner knowledge, competence or performance.

Sixty five healthcare practitioners registered to attend *Clinical Updates for Nurse Practitioners and Physician Assistants: 2012/2013*, in Seattle, WA. Forty six healthcare practitioners actually attended this conference. Each attendee was asked to complete and return an activity evaluation form prior to the end of the conference. Forty five completed forms were received. The data collected is displayed in this report.

CME ACCREDITATION

The National Association for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The National Association for Continuing Education designates this live activity for a maximum of 6 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by ACCME or a recognized state medical society.

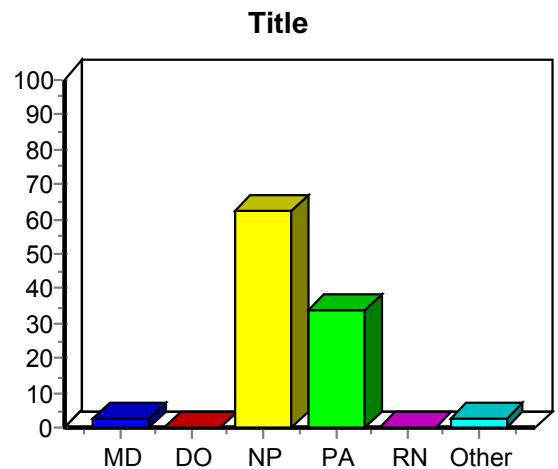
Physician assistants may receive a maximum of 6 hours of Category 1 credit for completing this program.

This program is approved for 6 contact hours of continuing education (which includes 4.75 hours of pharmacology) by the American Academy of Nurse Practitioners. Program ID 1209349

This program was planned in accordance with AANP CE Standards and Policies and AANP Commercial Support Standards.

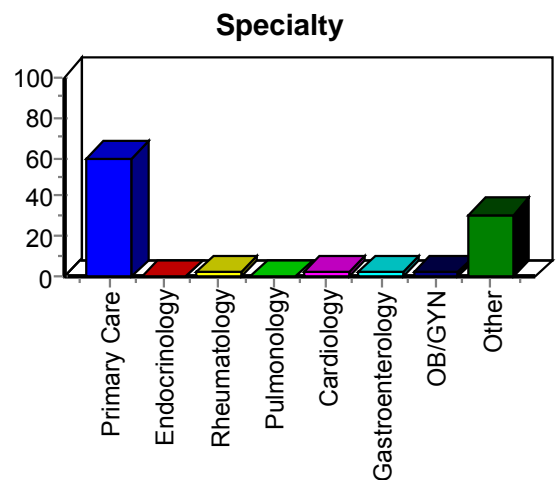
What is your professional degree?

Label	Frequency	Percent	Valid Percent
MD	1	2.22	2.22
DO	0	0.00	0.00
NP	28	62.22	62.22
PA	15	33.33	33.33
RN	0	0.00	0.00
Other	1	2.22	2.22
Total Valid	45	100.00	100.00



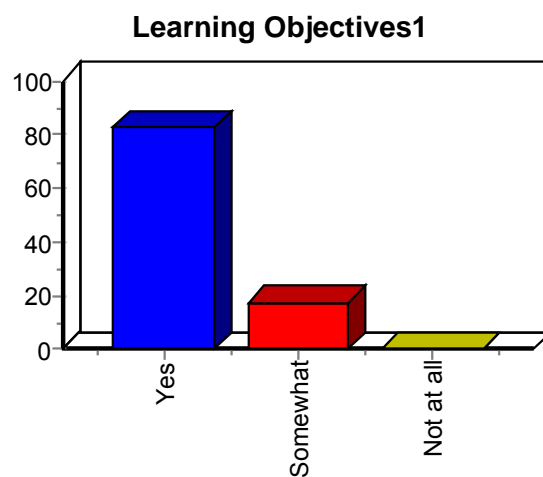
What is your specialty?

Label	Frequency	Percent	Valid Percent
Primary Care	27	60.00	60.00
Endocrinology	0	0.00	0.00
Rheumatology	1	2.22	2.22
Pulmonology	0	0.00	0.00
Cardiology	1	2.22	2.22
Gastroenterology	1	2.22	2.22
OB/GYN	1	2.22	2.22
Other	14	31.11	31.11
Total Valid	45	100.00	100.00



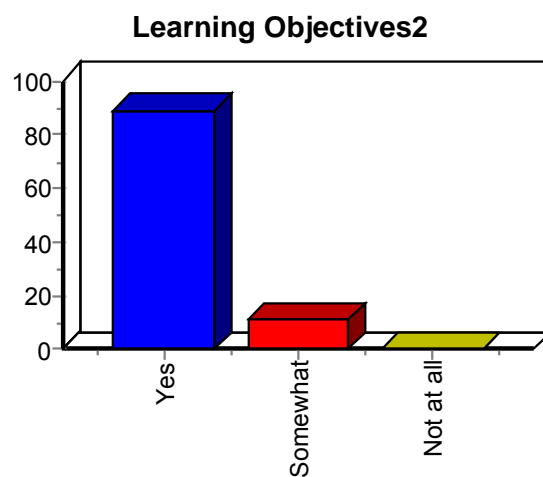
Upon completion of this activity, I can now - Identify appropriate candidates for BMD testing incorporating the FRAX 10-year fracture risk into treatment decisions; initiate pharmacologic therapy for patients who meet NOF guideline recommendations for pharmacologic management; implement education for dietary and supplemental calcium and vitamin D and exercises to prevent osteoporosis and related fractures; and recognize and overcome barriers to adherence and effectiveness of osteoporosis therapy:

Label	Frequency	Percent	Valid Percent
Yes	37	82.22	82.22
Somewhat	8	17.78	17.78
Not at all	0	0.00	0.00
Total Valid	45	100.00	100.00



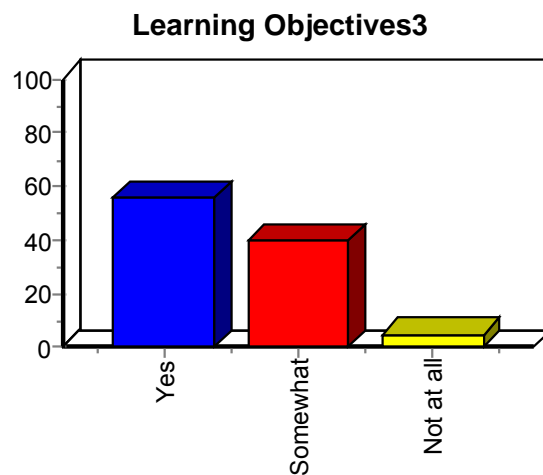
Upon completion of this activity, I can now - Explain the current pathophysiologic mechanisms associated with the development of psoriatic disease; discuss the impact of psoriatic disease including its effects on mood, cardiovascular risk, quality of life, and other co-morbid conditions; recognize the percent of body surface area that categorizes a patient for topical or systemic therapy; and implement appropriate treatment plans for patients who are candidates for topical and/or systemic therapy:

Label	Frequency	Percent	Valid Percent
Yes	40	88.89	88.89
Somewhat	5	11.11	11.11
Not at all	0	0.00	0.00
Total Valid	45	100.00	100.00



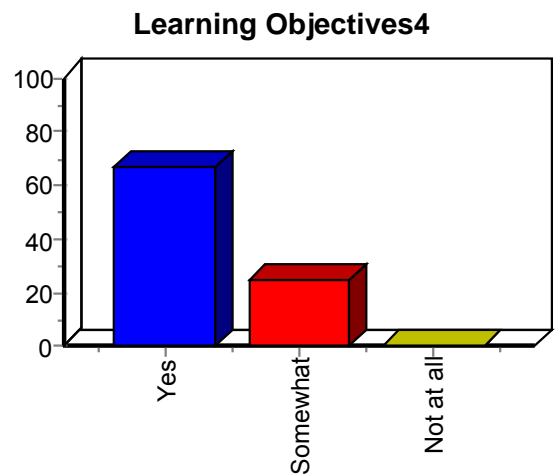
Upon completion of this activity, I can now - Identify the conditions referred to as inflammatory bowel disease (IBD), and discuss their clinical presentations; implement appropriate pharmacologic and nonpharmacologic therapeutic strategies for managing IBD in accordance with evidence-based guidelines; tailor the available medications to the various presentations of IBD with attention to the induction and the maintenance of remission; and use currently available laboratory tests to maximize benefit while minimizing toxicity:

Label	Frequency	Percent	Valid Percent
Yes	25	55.56	55.56
Somewhat	18	40.00	40.00
Not at all	2	4.44	4.44
Total Valid	45	100.00	100.00



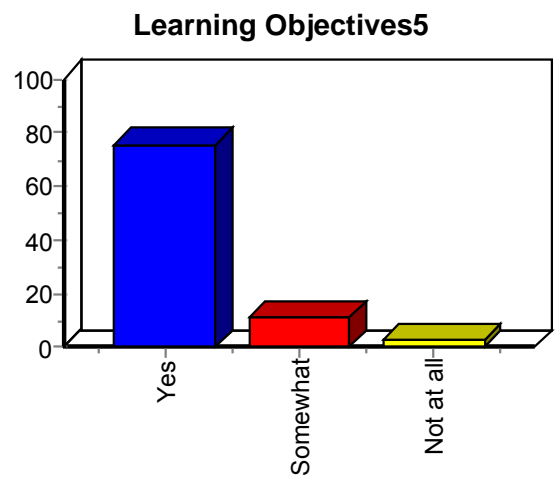
Upon completion of this activity, I can now - Discuss the role of the incretin system in the pathophysiology of type 2 diabetes (T2DM); define the role of GLP-1 receptor agonist therapy in the treatment algorithm for T2DM; identify the features, benefits, and limitations of individual GLP-1 agonists; discuss the appropriate selection of GLP-1 receptor agonist therapy according to the glycemic disturbance most in need of correction:

Label	Frequency	Percent	Valid Percent
Yes	30	66.67	73.17
Somewhat	11	24.44	26.83
Not at all	0	0.00	0.00
Total Valid	41	91.11	100.00
Total Missing	4	8.89	
Total	45	100.00	



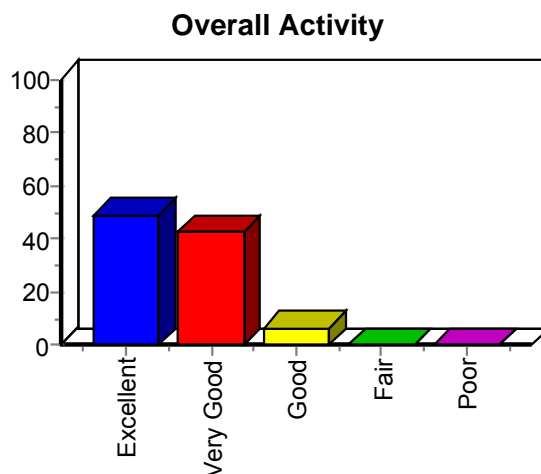
Upon completion of this activity, I can now - Use of the CHADS2 score to assess stroke risk in patients with atrial fibrillation (AF); recognize the benefits versus risks of antithrombotic therapy for stroke risk reduction in AF patients; identify safe and effective use of new and emerging antithrombotic therapy for AF patients related to the risk stratification for stroke; and identify relevant patient characteristics to guide the selection and monitoring of antithrombotic therapy in patients with atrial fibrillation:

Label	Frequency	Percent	Valid Percent
Yes	34	75.56	85.00
Somewhat	5	11.11	12.50
Not at all	1	2.22	2.50
Total Valid	40	88.89	100.00
Total Missing	5	11.11	
Total	45	100.00	



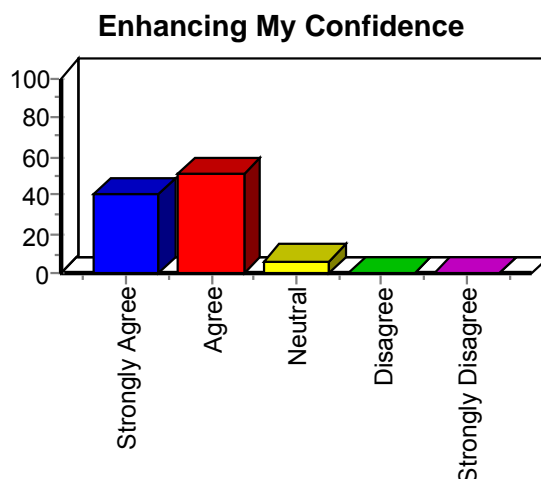
Overall, I would rate this activity as:

Label	Frequency	Percent	Valid Percent
Excellent	22	48.89	50.00
Very Good	19	42.22	43.18
Good	3	6.67	6.82
Fair	0	0.00	0.00
Poor	0	0.00	0.00
Total Valid	44	97.78	100.00
Total Missing	1	2.22	
Total	45	100.00	



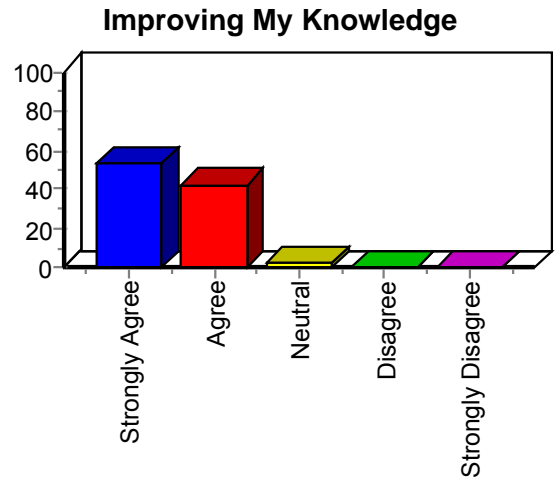
Overall, this activity was effective in enhancing my confidence in caring for patients with the condition(s) presented?

Label	Frequency	Percent	Valid Percent
Strongly Agree	18	40.00	40.91
Agree	23	51.11	52.27
Neutral	3	6.67	6.82
Disagree	0	0.00	0.00
Strongly Disagree	0	0.00	0.00
Total Valid	44	97.78	100.00
Total Missing	1	2.22	
Total	45	100.00	



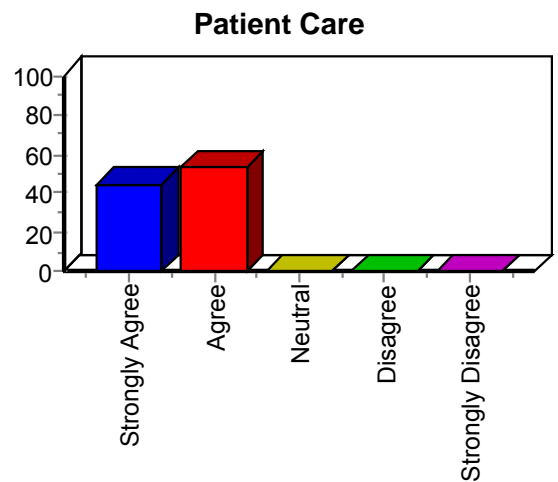
Overall, this activity was effective in improving my knowledge in the content areas presented:

Label	Frequency	Percent	Valid Percent
Strongly Agree	24	53.33	54.55
Agree	19	42.22	43.18
Neutral	1	2.22	2.27
Disagree	0	0.00	0.00
Strongly Disagree	0	0.00	0.00
Total Valid	44	97.78	100.00
Total Missing	1	2.22	
Total	45	100.00	



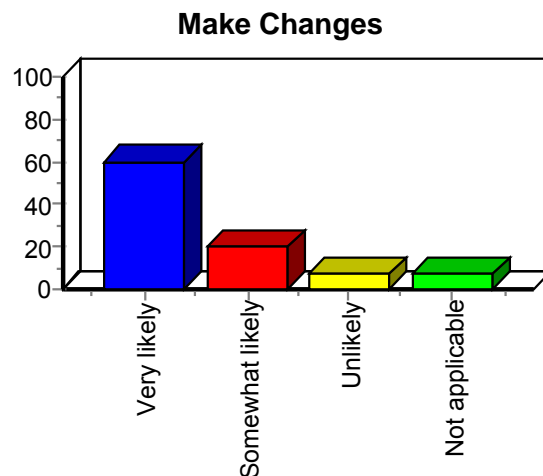
As a result of this activity, I have learned new strategies for patient care:

Label	Frequency	Percent	Valid Percent
Strongly Agree	20	44.44	45.45
Agree	24	53.33	54.55
Neutral	0	0.00	0.00
Disagree	0	0.00	0.00
Strongly Disagree	0	0.00	0.00
Total Valid	44	97.78	100.00
Total Missing	1	2.22	
Total	45	100.00	



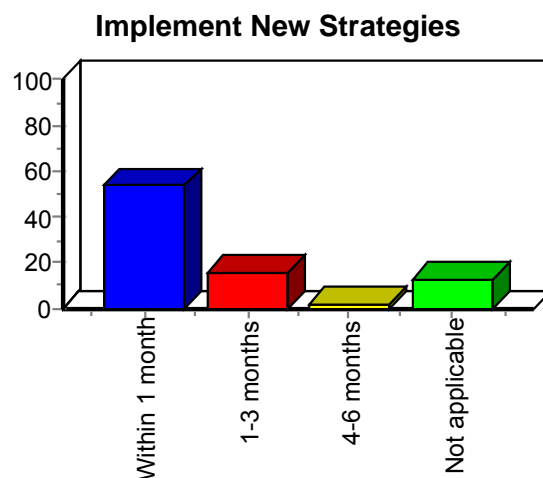
How likely are you to implement these new strategies in your practice?

Label	Frequency	Percent	Valid Percent
Very likely	27	60.00	64.29
Somewhat likely	9	20.00	21.43
Unlikely	3	6.67	7.14
Not applicable	3	6.67	7.14
Total Valid	42	93.33	100.00
Total Missing	3	6.67	
Total	45	100.00	



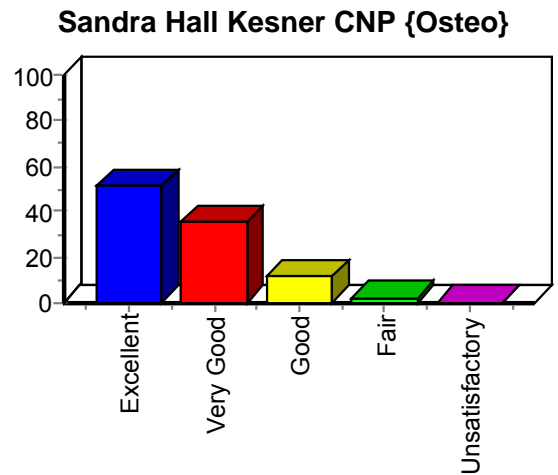
When do you intend to implement these new strategies into your practice?

Label	Frequency	Percent	Valid Percent
Within 1 month	24	53.33	63.16
1-3 months	7	15.56	18.42
4-6 months	1	2.22	2.63
Not applicable	6	13.33	15.79
Total Valid	38	84.44	100.00
Total Missing	7	15.56	
Total	45	100.00	



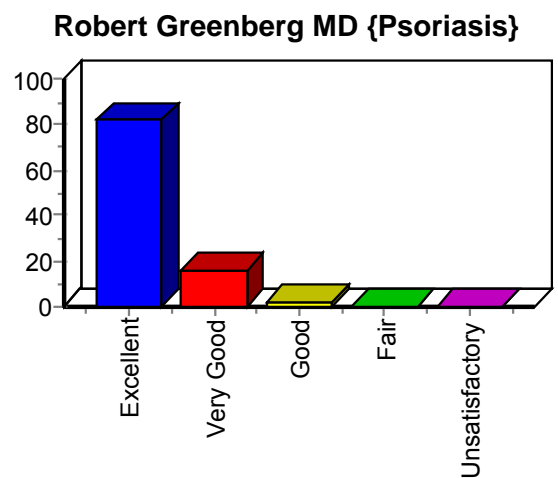
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Sandra Hall Kesner, CNP (Osteo):

Label	Frequency	Percent	Valid Percent
Excellent	23	51.11	51.11
Very Good	16	35.56	35.56
Good	5	11.11	11.11
Fair	1	2.22	2.22
Unsatisfactory	0	0.00	0.00
Total Valid	45	100.00	100.00



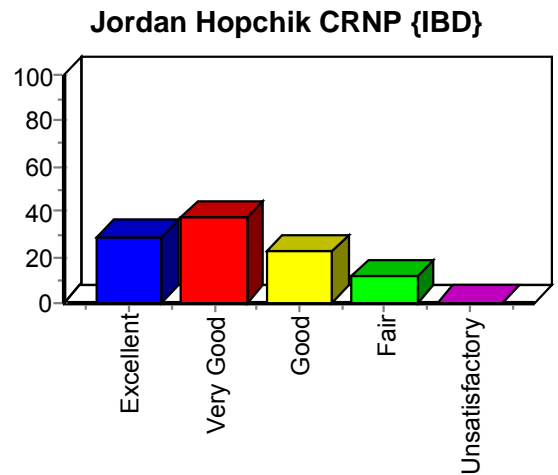
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Robert Greenberg, MD (Psoriasis):

Label	Frequency	Percent	Valid Percent
Excellent	37	82.22	82.22
Very Good	7	15.56	15.56
Good	1	2.22	2.22
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	45	100.00	100.00



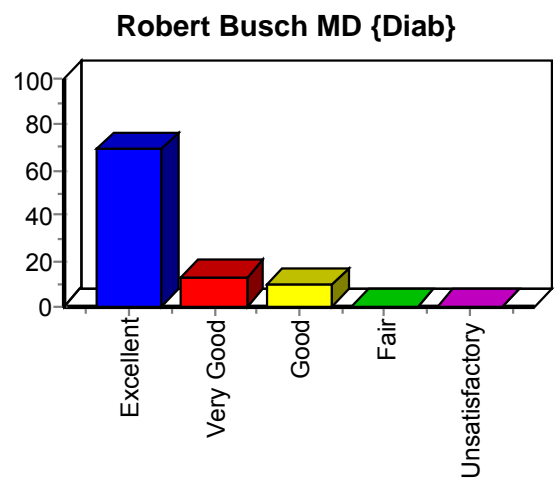
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Jordan Hopchik, CRNP (IBD):

Label	Frequency	Percent	Valid Percent
Excellent	13	28.89	28.89
Very Good	17	37.78	37.78
Good	10	22.22	22.22
Fair	5	11.11	11.11
Unsatisfactory	0	0.00	0.00
Total Valid	45	100.00	100.00



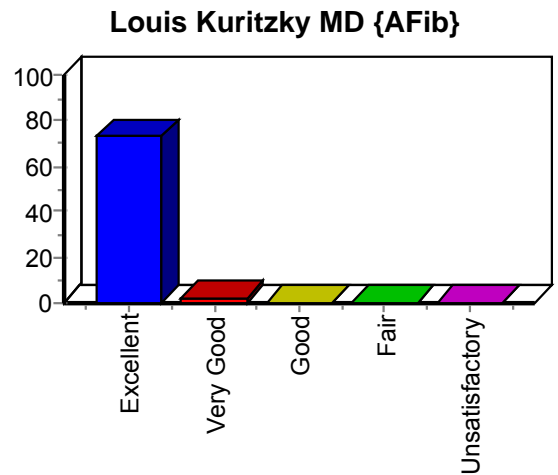
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Robert Busch, MD (Diab):

Label	Frequency	Percent	Valid Percent
Excellent	31	68.89	75.61
Very Good	6	13.33	14.63
Good	4	8.89	9.76
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	41	91.11	100.00
Total Missing	4	8.89	
Total	45	100.00	



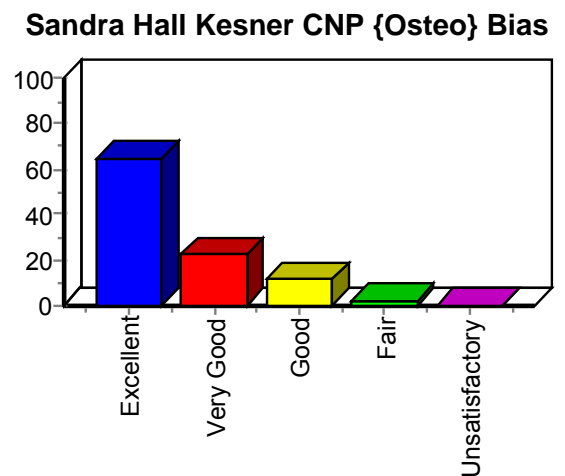
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Louis Kuritzky, MD (AFib):

Label	Frequency	Percent	Valid Percent
Excellent	33	73.33	97.06
Very Good	1	2.22	2.94
Good	0	0.00	0.00
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	34	75.56	100.00
Total Missing	11	24.44	
Total	45	100.00	



To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Sandra Hall Kesner, CNP (Osteo):

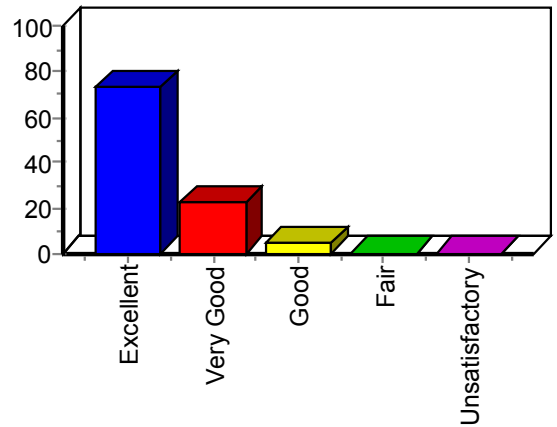
Label	Frequency	Percent	Valid Percent
Excellent	29	64.44	64.44
Very Good	10	22.22	22.22
Good	5	11.11	11.11
Fair	1	2.22	2.22
Unsatisfactory	0	0.00	0.00
Total Valid	45	100.00	100.00



To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Robert Greenberg, MD (Psoriasis):

Label	Frequency	Percent	Valid Percent
Excellent	33	73.33	73.33
Very Good	10	22.22	22.22
Good	2	4.44	4.44
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	45	100.00	100.00

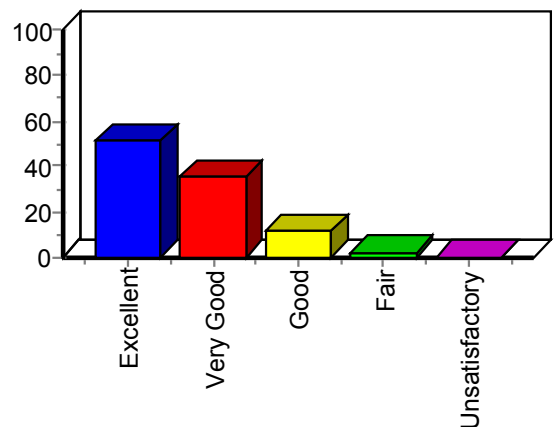
Robert Greenberg MD {Psoriasis} Bias



To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Jordan Hopchik, CRNP (IBD):

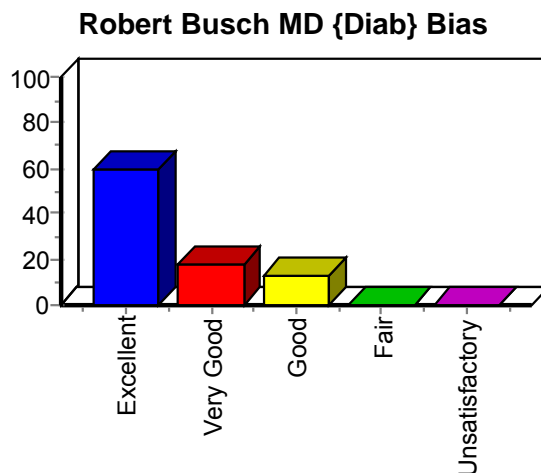
Label	Frequency	Percent	Valid Percent
Excellent	23	51.11	51.11
Very Good	16	35.56	35.56
Good	5	11.11	11.11
Fair	1	2.22	2.22
Unsatisfactory	0	0.00	0.00
Total Valid	45	100.00	100.00

Jordan Hopchik CRNP {IBD} Bias



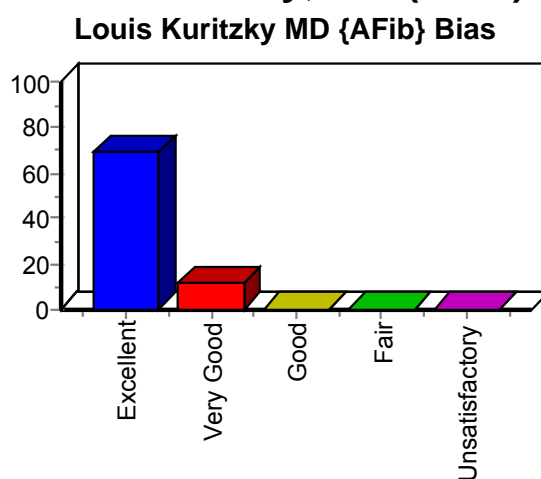
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Robert Busch, MD (Diab):

Label	Frequency	Percent	Valid Percent
Excellent	27	60.00	65.85
Very Good	8	17.78	19.51
Good	6	13.33	14.63
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	41	91.11	100.00
Total Missing	4	8.89	
Total	45	100.00	



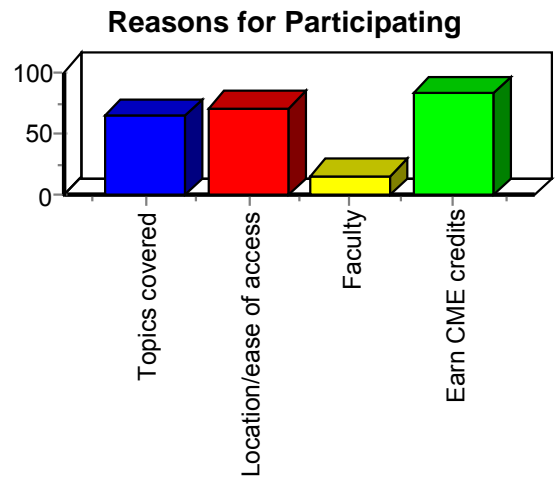
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Louis Kuritzky, MD (AFib):

Label	Frequency	Percent	Valid Percent
Excellent	31	68.89	86.11
Very Good	5	11.11	13.89
Good	0	0.00	0.00
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	36	80.00	100.00
Total Missing	9	20.00	
Total	45	100.00	



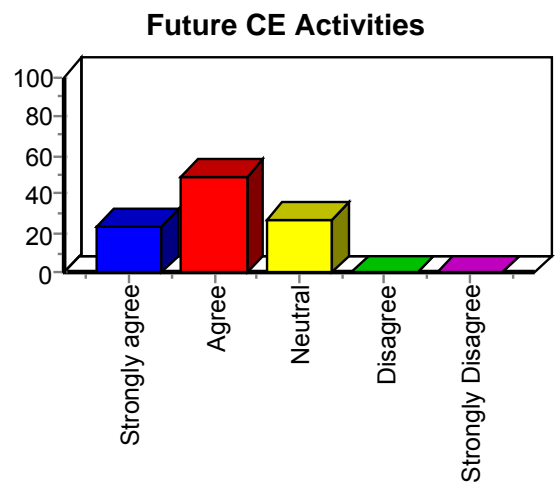
Which statement(s) best reflects your reasons for participating in this activity:

Label	Frequency	Percent	Valid Percent
Topics covered	29	64.44	64.44
Location/ease of access	32	71.11	71.11
Faculty	7	15.56	15.56
Earn CME credits	37	82.22	82.22
Total Valid	45	100.00	100.00



Future CE activities concerning this subject matter are necessary:

Label	Frequency	Percent	Valid Percent
Strongly agree	11	24.44	24.44
Agree	22	48.89	48.89
Neutral	12	26.67	26.67
Disagree	0	0.00	0.00
Strongly Disagree	0	0.00	0.00
Total Valid	45	100.00	100.00



What is your professional degree?

Comment
PharmD
PhD

What is your specialty?

Comment
Community
Addiction Medicine
Urology
Diabetes
Pain Management
Cardiac Surgery
Urgent Care
Geriatrics
Hematology
Orthopedics

As a result of this activity, I have learned new strategies for patient care. List these strategies:

Comment
Medication treatments
Better diagnosis and effective therapy
Better able to recommend follow up for my patients
Diabetes management and osteo guidelines
Use of FRAX and CHADS2
Psoriasis treatment
Change EMR templates
Use of FRAX and CHADS
Use of Vitamin D with topicals
Osteoporosis treatment
Use of Vitamin D
When to test and refer out
Will refer to handout on osteoporosis
Psoriasis information
Vitamin D
Dexa scans and osteo treatment
More aggressive therapy

What topics would you like to see offered as CE activities in the future?

Comment
Women's Health issues and obesity
Eating disorders and anxiety
Primary care emergencies
Addiction medicine
Depression and CHF
Hypertension treatment
Chronic pain management
Pain management
Pain management and CHF
Diagnostic imaging
Heart failure
Pain management
Pain management
GI and dermatology
Depression and nail conditions
Polypharmacy and geriatrics
Thyroid
Opioid management
Pediatric dermatology and asthma management
Prostate cancer and HIV treatment
Hematology topics
Lipids

Additional comments:

Comment
Great-thank you!
Informative and excellent content
Thank you
Thank you
Review the answers to the ARS questions in more depth
Great
Excellent
Thank you
Thank you-awesome lunch and location
Great review
Great conference
It was great

Item Statistics:

	Title	Specialty	Learning Objectives1	Learning Objectives2	Learning Objectives3	Learning Objectives4	Learning Objectives5
Mean	3.36	3.56	1.18	1.11	1.49	1.27	1.18
Variance	0.51	10.75	0.15	0.10	0.35	0.20	0.20
Standard Deviation	0.71	3.28	0.39	0.32	0.59	0.45	0.45
Standard Error	0.11	0.49	0.06	0.05	0.09	0.07	0.07
Minimum	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Maximum	6.00	8.00	2.00	2.00	3.00	2.00	3.00
Median	3.00	1.00	1.00	1.00	1.00	1.00	1.00
Range	5.00	7.00	1.00	1.00	2.00	1.00	2.00

	Overall Activity	Enhancing My Confidence	Improving My Knowledge	Patient Care	Make Changes	Implement New Strategies	Sandra Hall Kesner CNP {Osteo}
Mean	1.57	1.66	1.48	1.55	1.57	1.71	4.36
Variance	0.39	0.37	0.30	0.25	0.84	1.24	0.60
Standard Deviation	0.62	0.61	0.55	0.50	0.91	1.11	0.77
Standard Error	0.09	0.09	0.08	0.08	0.14	0.18	0.12
Minimum	1.00	1.00	1.00	1.00	1.00	1.00	2.00
Maximum	3.00	3.00	3.00	2.00	4.00	4.00	5.00
Median	1.50	2.00	1.00	2.00	1.00	1.00	5.00
Range	2.00	2.00	2.00	1.00	3.00	3.00	3.00

	Robert Greenberg MD {Psoriasis}	Jordan Hopchik CRNP {IBD}	Robert Busch MD {Diab}	Louis Kuritzky MD {AFib}	Sandra Hall Kesner CNP {Osteo} Bias	Robert Greenberg MD {Psoriasis} Bias	Jordan Hopchik CRNP {IBD} Bias
Mean	4.80	3.84	4.66	4.97	4.49	4.69	4.36
Variance	0.21	0.95	0.43	0.03	0.62	0.31	0.60
Standard Deviation	0.46	0.98	0.66	0.17	0.79	0.56	0.77
Standard Error	0.07	0.15	0.10	0.03	0.12	0.08	0.12
Minimum	3.00	2.00	3.00	4.00	2.00	3.00	2.00
Maximum	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Median	5.00	4.00	5.00	5.00	5.00	5.00	5.00
Range	2.00	3.00	2.00	1.00	3.00	2.00	3.00

	Robert Busch MD {Diab} Bias	Louis Kuritzky MD {AFib} Bias	Reasons for Participating	Future CE Activities
Mean	4.51	4.86	-	2.02
Variance	0.56	0.12	-	0.52
Standard Deviation	0.75	0.35	-	0.72
Standard Error	0.12	0.06	-	0.11
Minimum	3.00	4.00	-	1.00
Maximum	5.00	5.00	-	3.00
Median	5.00	5.00	-	2.00
Range	2.00	1.00	-	2.00