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



**January 26, 2013
Hyatt Grand Cypress Orlando
Orlando, FL**

**Course Directors
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**Activity Director
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**Program Evaluation
February 6, 2013**

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

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

One hundred seventy three healthcare practitioners registered to attend *Clinical Updates for Nurse Practitioners and Physician Assistants: 2012/2013*, in Orlando, FL. One hundred seven 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. One hundred three 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 6.5 *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.

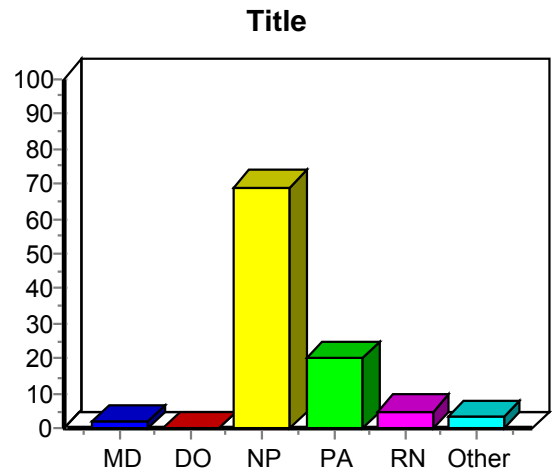
Physician assistants may receive a maximum of 6.5 hours of Category 1 credit for completing this program.

This program is approved for 6.5 contact hours of continuing education (which includes 5.5 hours of pharmacology) by the American Academy of Nurse Practitioners. Program ID 1210364

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

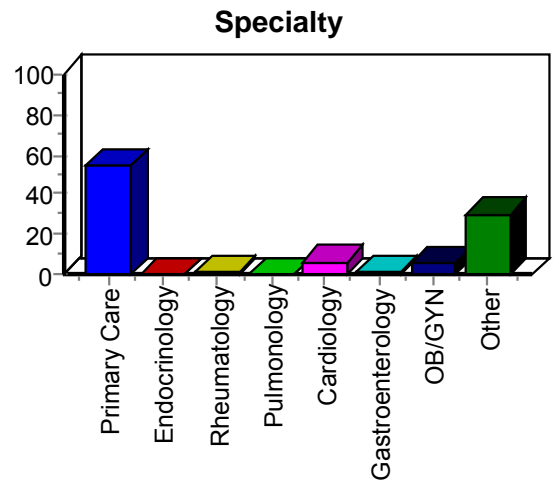
What is your professional degree?

Label	Frequency	Percent	Valid Percent
MD	2	1.94	1.96
DO	0	0.00	0.00
NP	71	68.93	69.61
PA	21	20.39	20.59
RN	5	4.85	4.90
Other	3	2.91	2.94
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



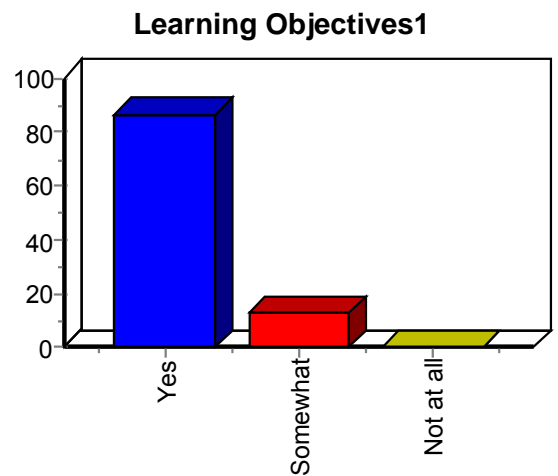
What is your specialty?

Label	Frequency	Percent	Valid Percent
Primary Care	56	54.37	55.45
Endocrinology	0	0.00	0.00
Rheumatology	1	0.97	0.99
Pulmonology	0	0.00	0.00
Cardiology	7	6.80	6.93
Gastroenterology	1	0.97	0.99
OB/GYN	5	4.85	4.95
Other	31	30.10	30.69
Total Valid	101	98.06	100.00
Total Missing	2	1.94	
Total	103	100.00	



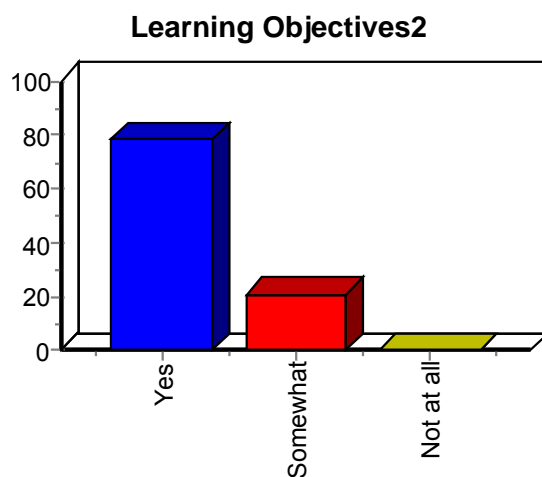
Upon completion of this activity, I can now - Identify appropriate candidates for BMD testing incorporating the FRAX 10-year fracture risk into treatment decisions; initiate pharmacologic therapy for patients who meet NOF guideline recommendations for pharmacologic management; implement education for 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	89	86.41	87.25
Somewhat	13	12.62	12.75
Not at all	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



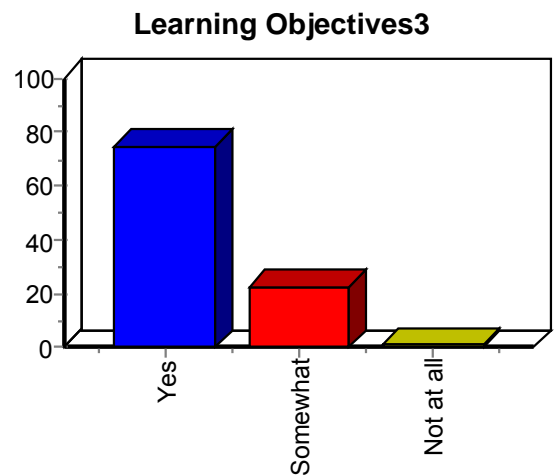
Upon completion of this activity, I can now - Explain the current pathophysiologic mechanisms associated with the development of psoriatic disease; discuss the impact of psoriatic disease including its effects on mood, cardiovascular risk, quality of life, and other co-morbid conditions; recognize the 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	81	78.64	79.41
Somewhat	21	20.39	20.59
Not at all	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



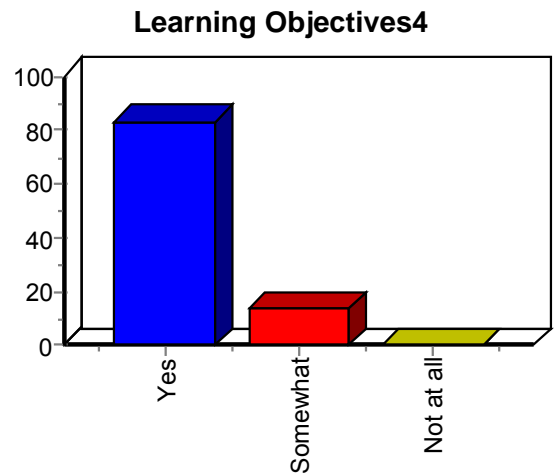
Upon completion of this activity, I can now - Identify the conditions referred to as inflammatory bowel disease (IBD), and discuss their clinical presentations; implement appropriate pharmacologic and nonpharmacologic therapeutic strategies for managing IBD in accordance with evidence-based guidelines; 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	77	74.76	76.24
Somewhat	23	22.33	22.77
Not at all	1	0.97	0.99
Total Valid	101	98.06	100.00
Total Missing	2	1.94	
Total	103	100.00	



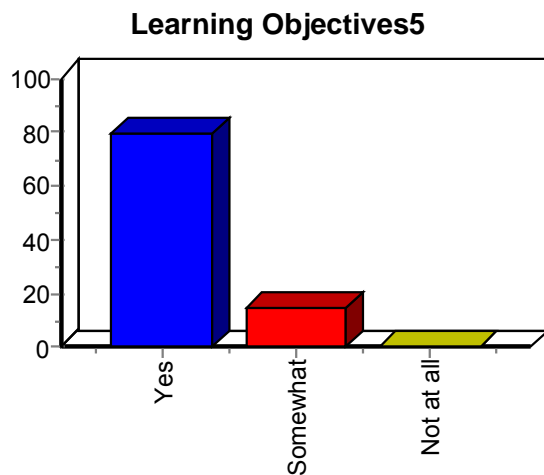
Upon completion of this activity, I can now - Discuss the extent of abuse, misuse, addiction and diversion of opioid analgesics in the community; describe an approach to monitor and document a patient's progress with opioid therapy; implement strategies for early recognition and management of opioid abuse, misuse, addiction and diversion; understand opioid pharmacology and the use of analgesic equivalency tables:

Label	Frequency	Percent	Valid Percent
Yes	86	83.50	86.00
Somewhat	14	13.59	14.00
Not at all	0	0.00	0.00
Total Valid	100	97.09	100.00
Total Missing	3	2.91	
Total	103	100.00	



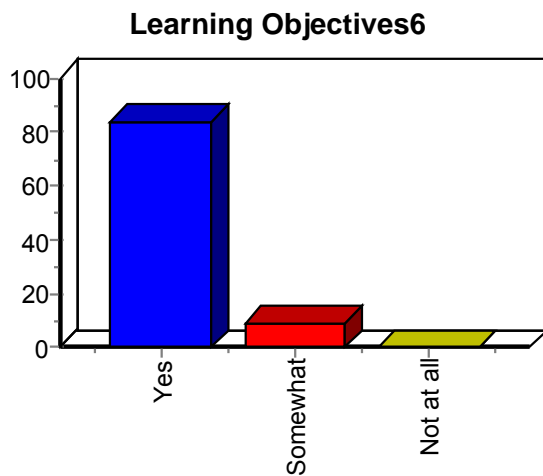
Upon completion of this activity, I can now - Discuss the role of the incretin system in the pathophysiology of type 2 diabetes (T2DM); define the role of GLP-1 receptor agonist therapy in the treatment algorithm for T2DM; identify the features, benefits, and limitations of individual GLP-1 agonists; 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	82	79.61	84.54
Somewhat	15	14.56	15.46
Not at all	0	0.00	0.00
Total Valid	97	94.17	100.00
Total Missing	6	5.83	
Total	103	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:

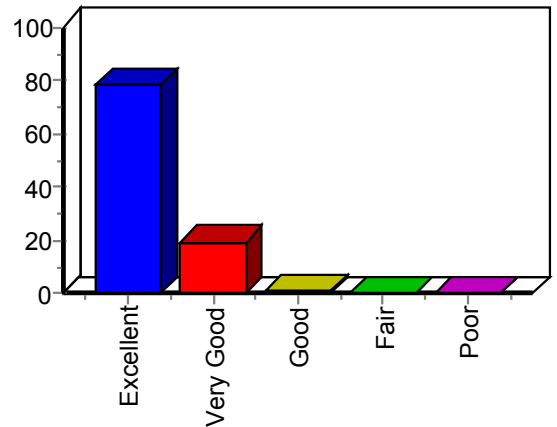
Label	Frequency	Percent	Valid Percent
Yes	87	84.47	90.63
Somewhat	9	8.74	9.38
Not at all	0	0.00	0.00
Total Valid	96	93.20	100.00
Total Missing	7	6.80	
Total	103	100.00	



Overall, I would rate this activity as:

Label	Frequency	Percent	Valid Percent
Excellent	81	78.64	79.41
Very Good	20	19.42	19.61
Good	1	0.97	0.98
Fair	0	0.00	0.00
Poor	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	

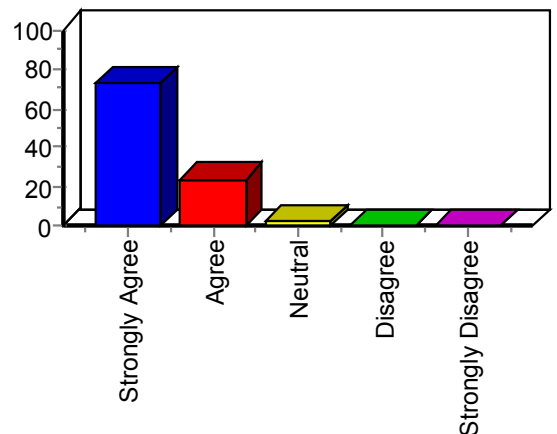
Overall Activity



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

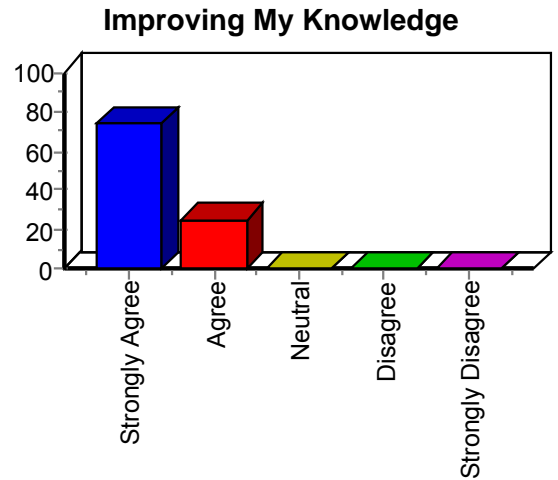
Label	Frequency	Percent	Valid Percent
Strongly Agree	75	72.82	73.53
Agree	25	24.27	24.51
Neutral	2	1.94	1.96
Disagree	0	0.00	0.00
Strongly Disagree	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	

Enhancing My Confidence



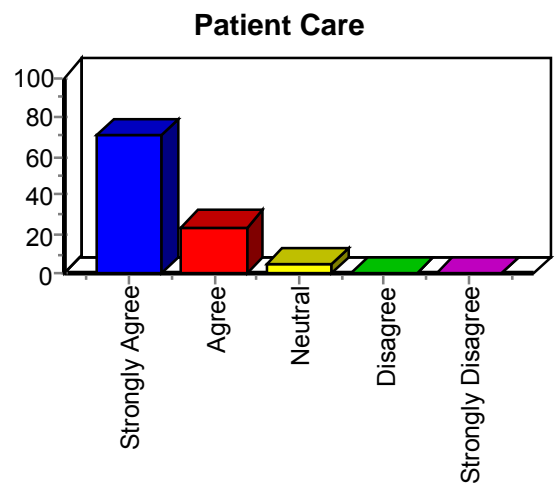
Overall, this activity was effective in improving my knowledge in the content areas presented:

Label	Frequency	Percent	Valid Percent
Strongly Agree	76	73.79	74.51
Agree	26	25.24	25.49
Neutral	0	0.00	0.00
Disagree	0	0.00	0.00
Strongly Disagree	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



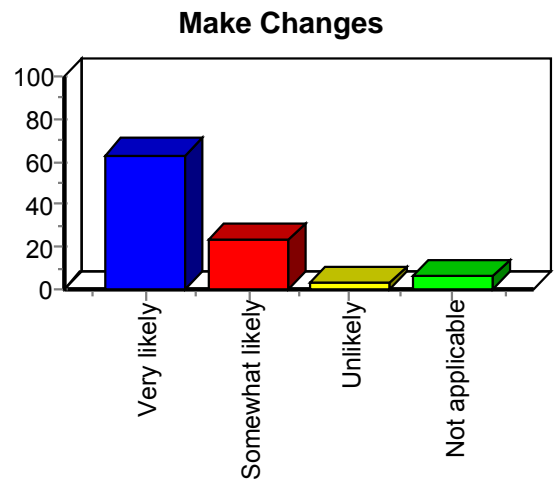
As a result of this activity, I have learned new strategies for patient care:

Label	Frequency	Percent	Valid Percent
Strongly Agree	73	70.87	71.57
Agree	25	24.27	24.51
Neutral	4	3.88	3.92
Disagree	0	0.00	0.00
Strongly Disagree	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



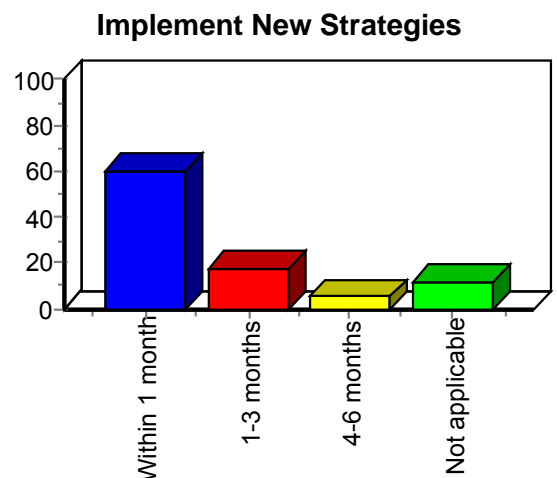
How likely are you to implement these new strategies in your practice?

Label	Frequency	Percent	Valid Percent
Very likely	65	63.11	66.33
Somewhat likely	24	23.30	24.49
Unlikely	3	2.91	3.06
Not applicable	6	5.83	6.12
Total Valid	98	95.15	100.00
Total Missing	5	4.85	
Total	103	100.00	



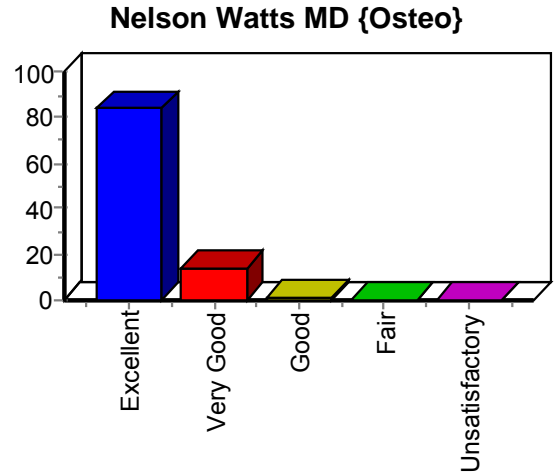
When do you intend to implement these new strategies into your practice?

Label	Frequency	Percent	Valid Percent
Within 1 month	62	60.19	63.27
1-3 months	18	17.48	18.37
4-6 months	6	5.83	6.12
Not applicable	12	11.65	12.24
Total Valid	98	95.15	100.00
Total Missing	5	4.85	
Total	103	100.00	



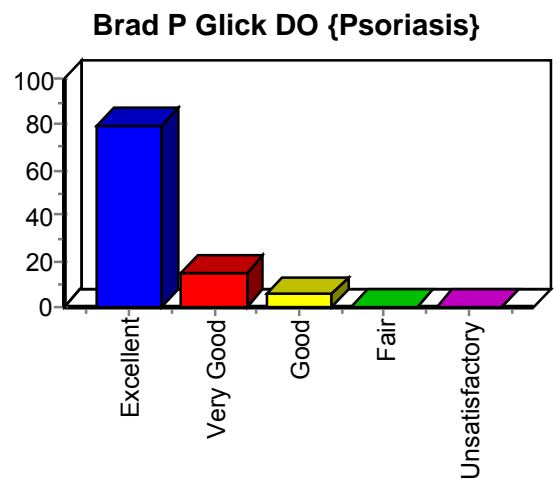
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Nelson Watts, MD (Osteo):

Label	Frequency	Percent	Valid Percent
Excellent	87	84.47	85.29
Very Good	14	13.59	13.73
Good	1	0.97	0.98
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



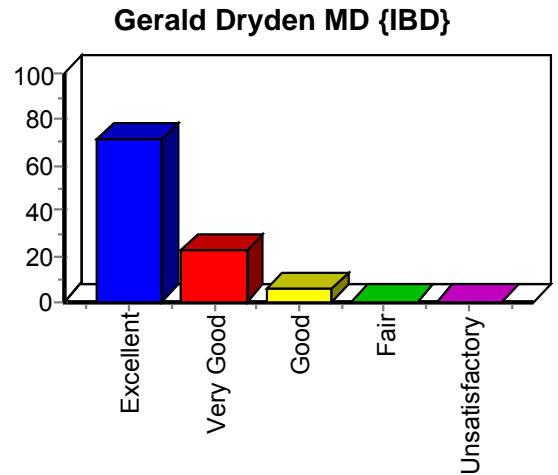
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Brad P. Glick, DO (Psoriasis):

Label	Frequency	Percent	Valid Percent
Excellent	82	79.61	79.61
Very Good	15	14.56	14.56
Good	6	5.83	5.83
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	103	100.00	100.00



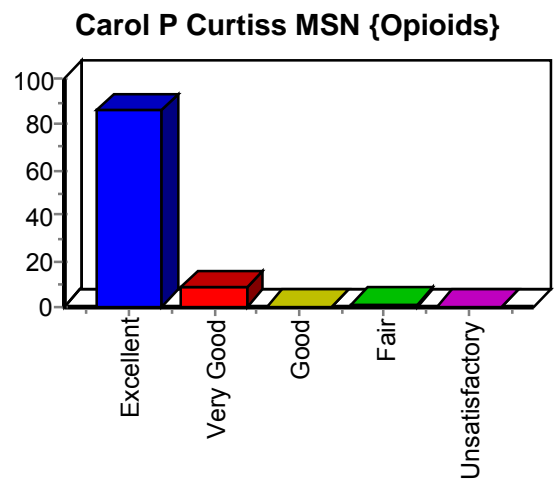
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Gerald Dryden, MD (IBD):

Label	Frequency	Percent	Valid Percent
Excellent	73	70.87	71.57
Very Good	23	22.33	22.55
Good	6	5.83	5.88
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



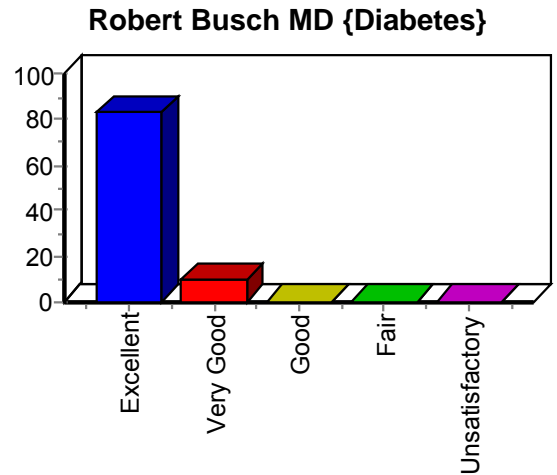
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Carol P. Curtiss, MSN (Opioids):

Label	Frequency	Percent	Valid Percent
Excellent	89	86.41	89.90
Very Good	9	8.74	9.09
Good	0	0.00	0.00
Fair	1	0.97	1.01
Unsatisfactory	0	0.00	0.00
Total Valid	99	96.12	100.00
Total Missing	4	3.88	
Total	103	100.00	



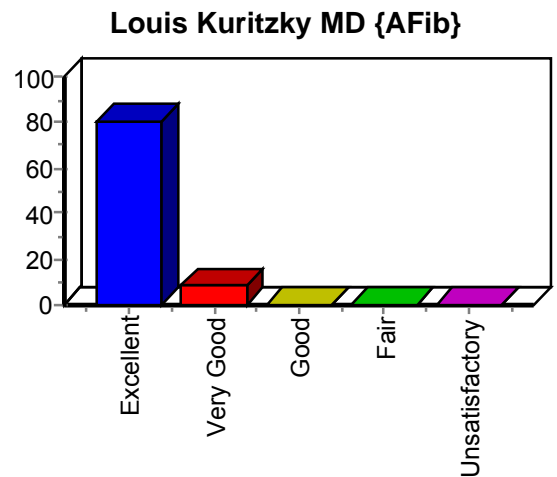
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Robert Busch, MD (Diabetes):

Label	Frequency	Percent	Valid Percent
Excellent	86	83.50	89.58
Very Good	10	9.71	10.42
Good	0	0.00	0.00
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	96	93.20	100.00
Total Missing	7	6.80	
Total	103	100.00	



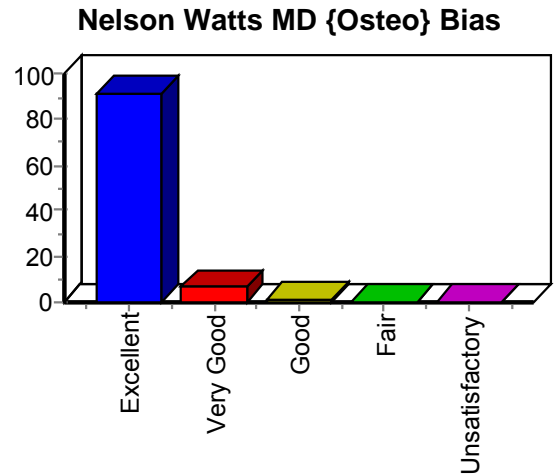
In terms of delivery of the presentation, please rate the effectiveness of the speaker: Louis Kuritzky, MD (AFib):

Label	Frequency	Percent	Valid Percent
Excellent	83	80.58	90.22
Very Good	9	8.74	9.78
Good	0	0.00	0.00
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	92	89.32	100.00
Total Missing	11	10.68	
Total	103	100.00	



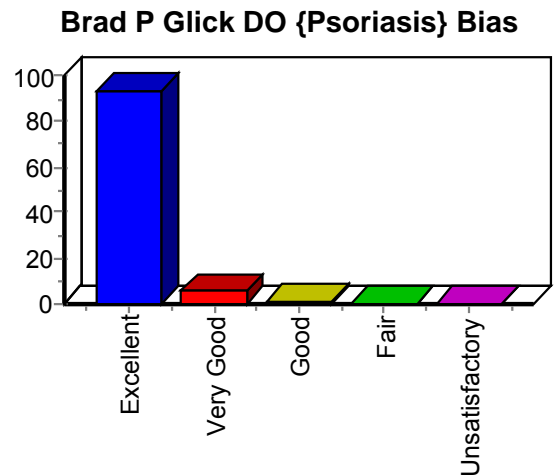
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Nelson Watts, MD (Osteo):

Label	Frequency	Percent	Valid Percent
Excellent	94	91.26	92.16
Very Good	7	6.80	6.86
Good	1	0.97	0.98
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	102	99.03	100.00
Total Missing	1	0.97	
Total	103	100.00	



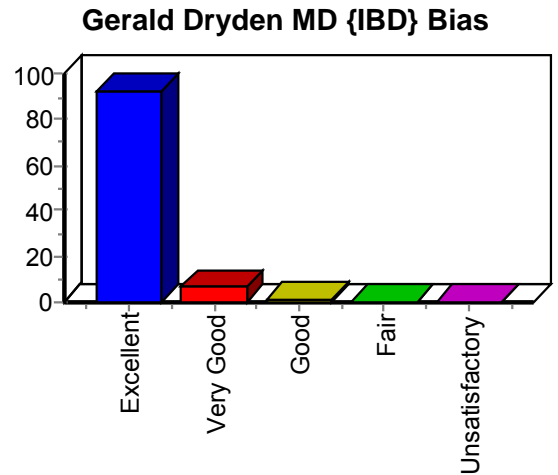
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Brad P. Glick, DO (Psoriasis):

Label	Frequency	Percent	Valid Percent
Excellent	96	93.20	93.20
Very Good	6	5.83	5.83
Good	1	0.97	0.97
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	103	100.00	100.00



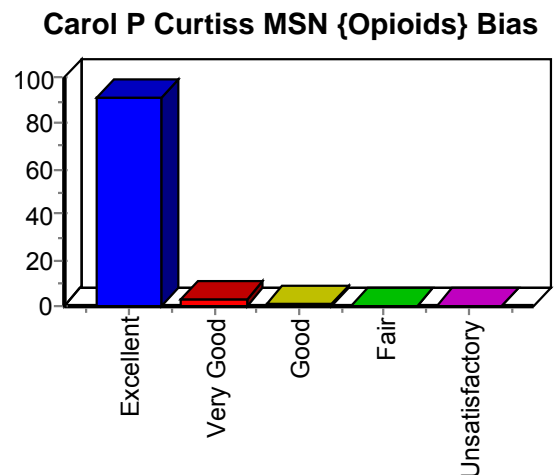
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Gerald Dryden, MD (IBD):

Label	Frequency	Percent	Valid Percent
Excellent	95	92.23	92.23
Very Good	7	6.80	6.80
Good	1	0.97	0.97
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	103	100.00	100.00



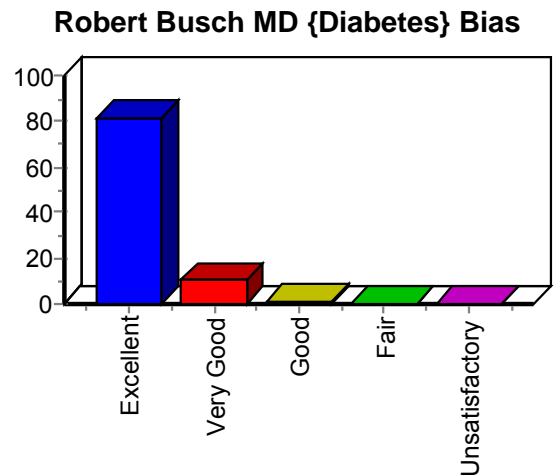
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Carol P. Curtiss, MSN (Opioids):

Label	Frequency	Percent	Valid Percent
Excellent	94	91.26	95.92
Very Good	3	2.91	3.06
Good	1	0.97	1.02
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	98	95.15	100.00
Total Missing	5	4.85	
Total	103	100.00	



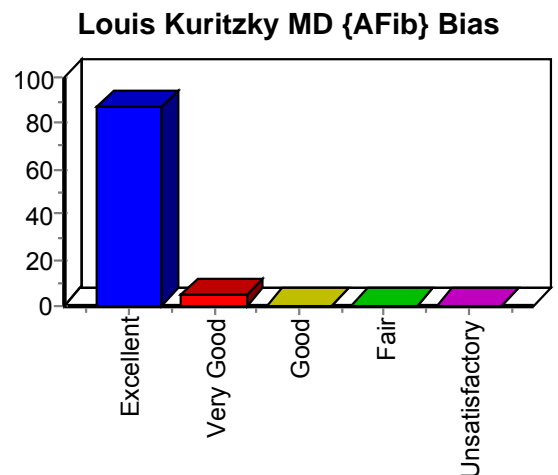
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Robert Busch, MD (Diabetes):

Label	Frequency	Percent	Valid Percent
Excellent	84	81.55	87.50
Very Good	11	10.68	11.46
Good	1	0.97	1.04
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	96	93.20	100.00
Total Missing	7	6.80	
Total	103	100.00	



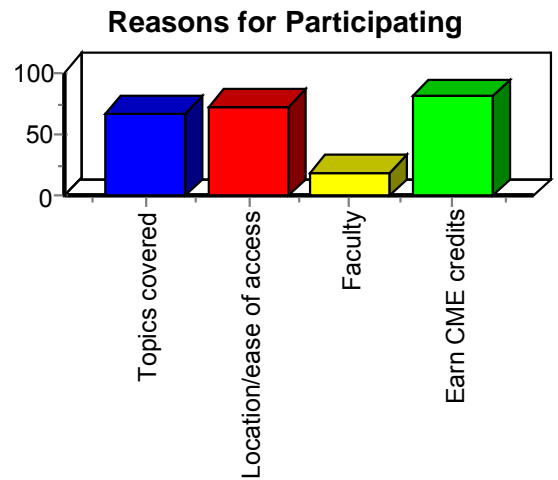
To what degree do you believe that the subject matter was presented fair, balanced, and free of commercial bias? Louis Kuritzky, MD (AFib):

Label	Frequency	Percent	Valid Percent
Excellent	90	87.38	94.74
Very Good	5	4.85	5.26
Good	0	0.00	0.00
Fair	0	0.00	0.00
Unsatisfactory	0	0.00	0.00
Total Valid	95	92.23	100.00
Total Missing	8	7.77	
Total	103	100.00	



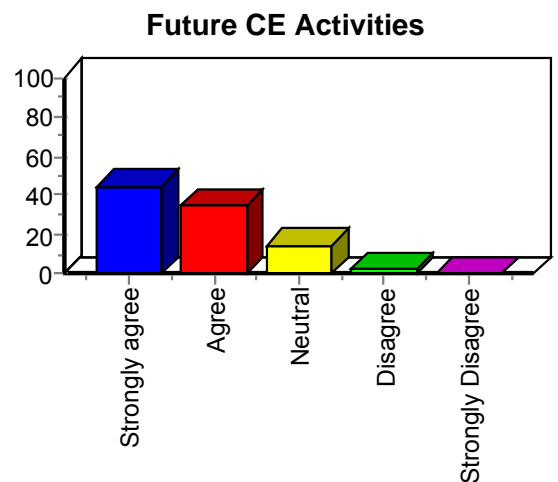
Which statement(s) best reflects your reasons for participating in this activity:

Label	Frequency	Percent	Valid Percent
Topics covered	69	66.99	68.32
Location/ease of access	74	71.84	73.27
Faculty	19	18.45	18.81
Earn CME credits	84	81.55	83.17
Total Valid	101	98.06	100.00
Total Missing	2	1.94	
Total	103	100.00	



Future CE activities concerning this subject matter are necessary:

Label	Frequency	Percent	Valid Percent
Strongly agree	46	44.66	46.94
Agree	36	34.95	36.73
Neutral	14	13.59	14.29
Disagree	2	1.94	2.04
Strongly Disagree	0	0.00	0.00
Total Valid	98	95.15	100.00
Total Missing	5	4.85	
Total	103	100.00	



What is your professional degree?

Comment
CNS
ARNP
PhD
FNP
NP

What is your specialty?

Comment
Hospitalist
Geriatrics
Urgent Care
Dermatology
Nephrology
Geriatrics
Hospitalist
Dermatology
Urology
Breast Oncology
Wound Care
Emergency Medicine
Education
Psychiatry
Pain Management
Dermatology
Allergy
Dermatology
Cardiac Surgery
ENT
Pain Management
Neurology
Geriatrics
Breast Oncology

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

Comment
Use FRAX and CHADS
Initiate GLP
Identify PA earlier

Comment
Pain management
Osteoporosis risk assessment
Use of FRAX score
More screening for osteoporosis
More osteoporosis screening and treatment
Osteoporosis treatment
Opioid use
Options in drug therapy and dosing
Pain management
New DM strategies and pain management strategies
Vitamin D use
Some of these meds were new to me
How to drug screen
Better management of osteoporosis
Treat psoriasis and current recommendations
Better patient communication
Increased my knowledge base
Diabetes management
Treatment of osteoporosis and psoriasis
CHADS score
Pain control intervention
Will assist in making appropriate referrals to specialists
Improved assessment
Osteoporosis treatment
New guidelines in AFib
Afib guidelines
Use of FRAX
Dermatology
Afib management and use of EBP
Evaluation and treatment of osteoporosis
CHADS2
New guidelines reviewed
Use of CHADS score
Knowledge of when to refer to specialists and assessment of pain management
More patient teaching
GLP therapy
Incorporate vitamin D into treatments
Using FRAX to identify risk for osteoporosis
Updated guidelines
Increased confidence in treating psoriasis
How to treat more aggressively
Drug guidelines and treatment guidelines

Comment
Better understanding of diabetes treatment
Correct use of meds
New guideline changes
Use of FRAX in osteoporosis and CHADS2
Use FRAX when screening osteoporosis
Able to evaluate medications being used or to use for a better outcome
Deciding between proper osteo treatment

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

Comment
Cardiac disease
Celiac disease
Melanoma new treatments
Dietary interventions
Hypertension
Mental health
Vitamin D deficiency
Aging disorders and dermatology
DM and HTN treatment strategies
More cardiology
Wound care and pain management
Acne
Reflux
Women's health and pediatric topics
Geriatrics and psychiatry
OB/GYN
Dermatology and weight loss
Urology and pediatrics
Thyroid disease
Oncology and ENT
Women's Health and cardiology
HTN and hyperlipidemia
Other primary care concerns
DM type II
Dermatology
Hypertension and heart disease
Vitamin deficiencies
Orthopedic issues
Neurological disorders
Infectious disease
Cholesterol and lipid management
CHF management

Comment
Prostate cancer and testosterone replacement
Emergency medicine
Reviewing basics in primary care topics for those have specialized
Childhood obesity
Asthma control
Great topics
Radiology studies
OB/GYN and infectious disease
Women's Health
ENT
Fibromyalgia
Endo diseases
Hypertension
Dermatology
Addiction
Diabetes and infectious disease
More on cardiac
Treatment of dementia
Stroke protocol
Falls is the elderly
Managing depression
Hormone replacement therapy
Asthma and COPD
HTN/CAD/CHF
Legal issues and pre-diabetic syndrome
Pain management
Oncology and dermatology

Additional comments:

Comment
Excellent lecture
Excellent speakers and topics-thank you
Thank you for a wonderful conference
Overall it was good
ARS is very effective for immediate feedback of knowledge gained
Great subject matter and very easy to understand
Excellent conference-thank you
Thanks for the free CME and food. Great job and well put together
Great offering-thank you
Thank you
Excellent speakers
Great program
Excellent program
Dr. Busch is awesome
Excellent course. Add option to responses-I don't know
Really great program
Thank you for a super conference
Thank you
Thank you-very good
Excellent conference
I would like to have the presentations recorded and made available. I would even pay for them
Excellent! Thank you so much
Very informative and enjoyable day. Speakers were knowledgeable
The information was great and with good speakers
Excellent conference
Very well done. I am looking forward to the conference in October in Tampa
Very good
Excellent-thank you
Excellent overall
Great job
Excellent presentations
Excellent program
Great location
Great presentation and I learned a lot
Thank you
Color handouts if possible
All the presentations were informative-thanks
Great program!

Item Statistics:

	Title	Specialty	Learning Objectives1	Learning Objectives2	Learning Objectives3	Learning Objectives4	Learning Objectives5
Mean	3.35	3.79	1.13	1.21	1.25	1.14	1.15
Variance	0.63	10.53	0.11	0.17	0.21	0.12	0.13
Standard Deviation	0.79	3.24	0.34	0.41	0.46	0.35	0.36
Standard Error	0.08	0.32	0.03	0.04	0.05	0.03	0.04
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	2.00
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	1.00

	Learning Objectives6	Overall Activity	Enhancing My Confidence	Improving My Knowledge	Patient Care	Make Changes	Implement New Strategies
Mean	1.09	1.22	1.28	1.25	1.32	1.49	1.67
Variance	0.09	0.19	0.25	0.19	0.30	0.69	1.09
Standard Deviation	0.29	0.44	0.50	0.44	0.55	0.83	1.04
Standard Error	0.03	0.04	0.05	0.04	0.05	0.08	0.11
Minimum	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Maximum	2.00	3.00	3.00	2.00	3.00	4.00	4.00
Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Range	1.00	2.00	2.00	1.00	2.00	3.00	3.00

	Nelson Watts MD {Osteo}	Brad P Glick DO {Psoriasis}	Gerald Dryden MD {IBD}	Carol P Curtiss MSN {Opioids}	Robert Busch MD {Diabetes}	Louis Kuritzky MD {AFib}	Nelson Watts MD {Osteo} Bias
Mean	4.84	4.74	4.66	4.88	4.90	4.90	4.91
Variance	0.15	0.31	0.35	0.17	0.09	0.09	0.10
Standard Deviation	0.39	0.56	0.59	0.41	0.31	0.30	0.32
Standard Error	0.04	0.06	0.06	0.04	0.03	0.03	0.03
Minimum	3.00	3.00	3.00	2.00	4.00	4.00	3.00
Maximum	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Median	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Range	2.00	2.00	2.00	3.00	1.00	1.00	2.00

	Brad P Glick DO {Psoriasis} Bias	Gerald Dryden MD {IBD} Bias	Carol P Curtiss MSN {Opioids} Bias	Robert Busch MD {Diabetes} Bias	Louis Kuritzky MD {AFib} Bias	Reasons for Participating	Future CE Activities
Mean	4.92	4.91	4.95	4.86	4.95	-	1.71
Variance	0.09	0.10	0.07	0.14	0.05	-	0.62
Standard Deviation	0.30	0.32	0.26	0.37	0.22	-	0.79
Standard Error	0.03	0.03	0.03	0.04	0.02	-	0.08
Minimum	3.00	3.00	3.00	3.00	4.00	-	1.00
Maximum	5.00	5.00	5.00	5.00	5.00	-	4.00
Median	5.00	5.00	5.00	5.00	5.00	-	2.00
Range	2.00	2.00	2.00	2.00	1.00	-	3.00