



Pfizer Medical Education Group

Areas of Interest for Grants in Support of Healthcare Quality Improvement and Continuing Professional Development

Updated September 2011

The current *Clinical Areas of Interest* and goal statements for the Pfizer Medical Education Group are listed below. A column providing *examples* of metrics for education (quality measures) has been included. The metrics are provided as **examples only** - there are many sources of nationally accepted measures (NCQA, AHRQ, PQRI, JCAHO, NQF, AMA, etc) and individual hospitals and clinics also often establish their own metrics of quality care.

The intent of listing example metrics is to highlight our interest in supporting education in which the provider has carefully identified needs/gaps and has clearly defined expected results.

Across clinical areas, the grants most likely to be funded are those that are designed to improve health care provider performance and patient health status indicators through the integration of educational, systems-based, and quality improvement strategies.

By supporting initiatives that target *measurable improvements* in professional practice we are in alignment with current guidance from the Accreditation Council for Continuing Medical Education (ACCME) which can be found at <http://education.accme.org/tags/performance-measures>

Pfizer Medical Education

VISION: To Accelerate the Translation of Clinical Science to Quality Patient Care

MISSION: To cooperate with healthcare delivery organizations and professional associations to narrow professional practice gaps in areas of mutual interests through support of learning and change strategies that result in measurable improvement in competence, performance or patient outcomes.

GOAL: To increase the number of patients who receive the highest quality, safe and effective, individualized, and evidence-based care from physicians, other healthcare providers, and the healthcare system.

Area of Medicine	Clinical Areas of Interest ¹	Goal Statement	Quality Measure(s), if applicable ²
			<p>anticoagulant at discharge.</p> <p><i>American Academy of Neurology American College of Radiology National Committee for Quality Assurance Physician Consortium for Performance Improvement®. 2006 Sep. NQMC:002907</i></p> <p>Thromboprophylaxis: percentage of high-risk medical patients admitted who receive venous thromboembolism (VTE) prophylaxis, during the 6 month time period. <i>Australian Council on Healthcare Standards. 2007 Dec. [NQMC Update Pending] NQMC:003330</i></p>
Genetic Metabolic Disorders	<u>Genetic Metabolic Disorders</u>	<p>Improve the treatment paradigm for Gaucher disease by:</p> <ul style="list-style-type: none"> • Improving awareness for the value of early diagnosis and treatment of Gaucher disease through education and establishment of newborn screening programs, and • Continuing education programs for healthcare professionals to ensure practitioners know how to monitor and treat patients with Gaucher disease 	
Endocrinology	<u>Growth Disorders</u>	<p>Improve and translate the knowledge base of health care providers, educators and third party payers working in the areas of growth, pituitary, and related genetic disorders.</p>	
Infectious Disease	<u>Bacterial</u>	<p>Improve patient care, as measured by appropriate quality indicators, by translating knowledge of</p> <ul style="list-style-type: none"> • the evolving epidemiology and 	<p>Reduction of methicillin-resistant Staphylococcus aureus (MRSA) transmission and infection.</p> <p>5 Million Lives Campaign. Getting Started Kit: Reduce Methicillin-Resistant Staphylococcus aureus (MRSA) Infection How-to Guide. Cambridge, MA:</p>

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		<p>morbidity of serious infections caused by MRSA and/or Gram-negative pathogens, including hospital and community-acquired pneumonia, complicated skin and complicated intra-abdominal infections, and</p> <ul style="list-style-type: none"> the benefits of appropriate antimicrobial treatment options across the continuum of care. 	<p>Institute for Healthcare Improvement; 2008. Available at: http://www.ihl.org/knowledge/Pages/Tools/HowtoGuideReduceMRSAInfection.aspx</p> <p>Emergency medicine: percentage of patients aged 18 years and older with the diagnosis of community-acquired bacterial pneumonia with an appropriate empiric antibiotic prescribed. American College of Emergency Physicians National Committee for Quality Assurance Physician Consortium for Performance Improvement®. 2009 Jan. NQMC:002949</p> <p>Community-acquired bacterial pneumonia: percentage of patients who were prescribed an appropriate empiric antibiotic. Physician Consortium for Performance Improvement®. 2006 Mar. NQMC:002453</p> <p>Pneumonia: percent of immunocompetent patients with community-acquired pneumonia who receive an initial antibiotic regimen during the first 24 hours that is consistent with current guidelines. Centers for Medicare & Medicaid Services. 2008 Oct. [NQMC Update Pending] NQMC:004362</p> <p>Pneumonia: percent of patients who receive their first dose of antibiotics within 6 hours after arrival at the hospital. Centers for Medicare & Medicaid Services/The Joint Commission. 2008 Oct. [NQMC Update Pending] NQMC:004361</p> <p>Pneumonia: median time from arrival at the hospital to the administration of the first dose of antibiotic at the hospital. Joint Commission, The. 2008 Oct. [NQMC Update Pending] NQMC:004359</p> <p>Sepsis: percent of patients with severe sepsis/septic shock who received Vancomycin (or Linezolid) within 24 hours following severe sepsis/septic shock identification. VHA, Inc. 2007 Jan. NQMC:004030</p> <p>Sepsis: percent of patients with severe sepsis/septic shock who received a recommended broad-spectrum antibiotic within 24 hours following severe sepsis/septic shock identification. VHA, Inc. 2007 Jan. NQMC:004032</p>

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	<u>Pneumococcal Disease Prevention</u> <ul style="list-style-type: none"> • Pediatric 	Improve patient outcomes by <ul style="list-style-type: none"> ▪ Increasing awareness of the changing epidemiology of pneumococcal disease in children less than 5 years old, ▪ Narrowing the disparity between family physicians and pediatricians in adherence to recommended childhood vaccination schedule, and ▪ Decreasing the burden of invasive pneumococcal disease 	Pediatric: Childhood immunization status: percentage of enrolled children who had four diphtheria, tetanus, and acellular pertussis (DTaP), three injectable polio virus (IPV), one measles, mumps, and rubella (MMR), two haemophilus influenza type B (HiB), three hepatitis B, one chicken pox vaccination (VZV) and four pneumococcal conjugate vaccinations by their second birthday (combination #3). <i>National Committee for Quality Assurance. 2008 Jul. [NQMC Update Pending] NQMC:004217</i>
Neurology	<u>Dementia</u> <ul style="list-style-type: none"> • Alzheimer's Disease 	Improve patient care by increasing the rate of earlier diagnosis of patients with Alzheimer's disease in both the community and long term care settings as measured by: <ol style="list-style-type: none"> 1. Effective targeted screening and diagnosis of patients at risk (e.g. age, gender, ethnicity, cardiovascular risk factors) 2. Increased awareness of the importance of screening in special populations such as correctional facilities; 3. Shorter time to diagnosis and treatment; 4. More focused health care practitioner/ 	Dementia: the percentage of patients diagnosed with dementia whose care has been reviewed in the previous 15 months. <i>British Medical Association, National Health System (NHS) Confederation. 2008 Apr. [NQMC Update Pending] NQMC:004174</i>

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Neurodegenerative Diseases	Mental Health <ul style="list-style-type: none"> • Depression • Multiple Sclerosis 	<p>patient/caregiver dialog concerning treatment expectations</p> <p>5. Enhanced awareness of the multifactorial process of Alzheimer's disease, including beta amyloid, tau, and mitochondria, etc.</p> <p>Improve patient care, as measured by appropriate quality indicators of adults newly diagnosed with depression and adhere to prescribed treatment.</p> <p>Increase the number of patients who are able to maintain their functional status and quality of life while living with multiple sclerosis by increasing health care practitioners' understanding of MS diagnostic criteria, methods for effectively counseling patients and caregivers and options that are available to treat disease symptoms or modify the course of the disease.</p>	<p>Bipolar disorder: the percentage of patients with bipolar disorder who receive a recommendation for an adjunctive psychosocial intervention, including evidence-based therapies, within 12 weeks of initiating treatment. <i>STABLE Project National Coordinating Council. 2007 Jan. NQMC:003505</i></p>
Pain	<ul style="list-style-type: none"> • Arthritic Pain • Chronic Pain • Diabetic Neuropathy • Neuropathic Pain • Fibromyalgia 	<p>Advance patient management by setting goals that address:</p> <p>1) Primary treatment (i.e., pain reduction) 2) Secondary treatment (i.e., sleep) 3) Improve awareness of appropriate evidence-based treatment as well as the management of patient expectations in improving patient outcomes.</p>	<p>Pain management in the long-term care setting: percentage of patients with documented care plan for acute or chronic pain. <i>American Medical Directors Association. 2004 Jan. NQMC:001421</i></p> <p>Care for older adults (COA): percentage of adults 65 years and older who had each of the following during the measurement year: advance care planning, medication review, functional status assessment and pain screening. <i>National Committee for Quality Assurance. 2008 Jul. NQMC:004224</i></p>

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		<p>Facilitate the translation of knowledge regarding the underlying neurological basis and emerging science of fibromyalgia to application in patient care.</p> <p>Through continuing professional education improve patient care by increasing the knowledge, competence, and performance of clinicians who are treating or considering treatment of pain with opioids.</p> <ul style="list-style-type: none"> • Reduce practitioner knowledge gaps by improving access to and comprehension of the evidence for the use of opioids. • Improve knowledge of opiate abuse including reward seeking behavior, intentional diversion, recreational use and misuse of legally prescribed medications. • Educate physicians regarding prevalence and types of opiate misuse, abuse and diversion in their patient population • Improve upon the quality and increase the knowledge about and use of practice tools to adequately risk-assess patients being considered for opioid therapy. • Develop tools and communication strategies that would help patients who are taking opiate therapy to decrease environmental risks they may not be aware of such as people in their home who might steal their drugs 	<p>Diabetes mellitus: the percentage of patients with diabetes with a record of neuropathy testing in the previous 15 months. <i>British Medical Association, National Health System (NHS) Confederation. 2008 Apr. [NQMC Update Pending] NQMC:004139</i></p> <p>Diabetes mellitus: percentage of patients aged 18 years and older with a diagnosis of diabetes mellitus who had a lower extremity neurological exam performed at least once within 12 months. <i>American Podiatric Medical Association. 2007 Aug. NQMC:004195</i></p> <p>Adequate assessment of pain, using validated tools appropriate to the population or individual. <i>Br J Anaesth. 2008 Jul;101(1):17-24. Epub 2008 May 16.</i></p>

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		<p>for ingestion or deterrence</p> <ul style="list-style-type: none"> • Increase the number of patients who are receiving appropriate assessment, initiation, maintenance and discontinuation of opioid analgesics for the treatment of chronic pain • Increase the number of patients who receive appropriate and effective communication about the benefits and risks associated with opioid medications and the need for close monitoring • Improve health care professionals' ability to distinguish between addiction and pseudo-addiction in their patients with pain by enhancing communication with those patients receiving opioid treatment who are suspected of misuse. • Improve awareness of state and federal regulations regarding opioid prescribing and documentation strategies to meet best practice standards and medico-legal requirements related to opioid prescribing • Investigate the long-term effectiveness against pain be provided by abuse resistant formulations <p>Increase the use of appropriate diagnostic tools to appropriately identify fibromyalgia patients</p>	

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	<p data-bbox="346 849 527 938">Pancreatic Neuroendocrine Tumors</p> <p data-bbox="346 1141 562 1198">Hematologic Malignancies (CML)</p>	<p data-bbox="621 297 1083 386">RCC through predictive factors that distinguish patients who are more likely to benefit from various treatment options</p> <p data-bbox="621 427 1083 613">Enhance healthcare provider communications within treatment paradigm to ensure optimal patient results applying multidisciplinary team approach to the continuum of care including mid-level practitioners.</p> <p data-bbox="621 654 1083 776">Support outreach to community healthcare providers to educate and share best practices and evidence-based experience in treatment and adverse event management.</p> <p data-bbox="621 849 1083 1068">Enhance translation of novel cancer therapies, applicability of anti-angiogenesis and mTOR inhibition and evolving treatment landscape for localized disease, regional spread, distant spread, and recurrence of pancreatic neuroendocrine tumors.</p> <p data-bbox="621 1141 1083 1295">Increase outcomes for patients with CML, including through the identification and use of prognosis factors that distinguish patients who are more likely to benefit from various treatment options.</p> <p data-bbox="621 1336 1083 1417">Improve patient outcomes by implementing and enhancing evidence-based targeted therapy patient</p>	

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		<p>management strategies and interventions among healthcare providers. including optimization of patient outcomes as well as adverse event, patient safety, QOL and other modalities of therapy management.</p> <p>Enhance translation of novel cancer therapies as applied to hematologic malignancies, optimized application of their mechanisms of action (signal transduction, cytotoxic potentiators and immunotherapy) to maximize efficacy along with optimized adverse event prevention and management to best assure safe use and potential clinical applicability to practice in the care of cancer patients with these malignancies.</p>	
Respiratory	<p>Chronic Obstructive Pulmonary Disease (COPD)</p> <p><u>Pulmonary Hypertension</u></p> <p><u>Smoking Cessation</u></p>	<p>[Text removed]</p> <p>Reduce symptoms, improve quality of life, and improve outcomes in patients with pulmonary arterial hypertension as evidenced by delaying disease progression and mortality by increasing awareness of evidence based treatment options and increasing the competence and performance of healthcare professionals.</p> <p>Increase the number of patients who stop smoking by improving the frequency and</p>	<p>[Text removed]</p> <p>Smoking cessation: percentage of members 18 years of age and older who are current smokers, who were seen by a health plan practitioner during the</p>

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		effectiveness of smoking cessation intervention, including treatment, counseling and support, by healthcare providers.	<p>measurement year for whom smoking cessation medications were recommended or discussed. <i>National Committee for Quality Assurance. 2008 Jul.</i></p> <p>Smoking cessation: percentage of members 18 years and older who were current smokers, who were seen by a health plan practitioner during the measurement year for whom smoking cessation methods or strategies were recommended or discussed. <i>National Committee for Quality Assurance. 2008 Jul.</i></p> <p>Preventive care and screening: percentage of patients 18 years and older who were screened for tobacco use at least once during the two-year measurement period AND who received cessation counseling intervention if identified as a tobacco user. <i>Physician Consortium for Performance Improvement®. 2008 Sep. NQMC:004462</i></p> <p>Heart failure: percent of patients with a history of smoking cigarettes, who are given smoking cessation advice or counseling during hospital stay. <i>Centers for Medicare & Medicaid Services/The Joint Commission. 2008 Oct. NQMC:004353</i></p> <p>Acute myocardial infarction: percent of patients with a history of smoking cigarettes who receive smoking cessation advice or counseling during the hospital stay. <i>Centers for Medicare & Medicaid Services/The Joint Commission. 2008 Oct. NQMC:004340</i></p>
Rheumatology	<u>Rheumatoid Arthritis</u>	<p>Improve the care of Rheumatoid Arthritis patients:</p> <ol style="list-style-type: none"> 1. Through implementation of new and effective strategies (e.g., the use of objective measures, outcome directed therapy, and educational tools) for screening, referral, diagnosis, and management, as measured by appropriate quality measures, 2. By establishing treatment goals that aim at reaching a target of remission or 	<p>Rheumatoid arthritis: percentage of patients with rheumatoid arthritis who are newly prescribed a disease-modifying antirheumatic drug (DMARD) for whom appropriate baseline studies are documented within an appropriate period of time from the original prescription. <i>Arthritis Foundation RAND Health. 2005 Jan. NQMC:002195</i></p> <p>Rheumatoid arthritis: percentage of patients with rheumatoid arthritis who are being treated with a disease-modifying antirheumatic drug (DMARD) and report worsening of symptoms over a six-month period of time and have evidence of active disease (synovitis) for whom one of the following are done: dose or route of DMARD administration is changed, DMARD is changed, an additional DMARD</p>

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		<p>low disease activity as soon as possible in every patient, and</p> <p>3. Through understanding the pathophysiology of Rheumatoid Arthritis and its implications for mechanism of action of emerging DMARD therapies</p>	<p>is added, or dose of glucocorticoids is started or increased. <i>Arthritis Foundation</i> <i>RAND Health. 2005 Jan. NQMC:002184</i></p> <p>Rheumatoid arthritis: percentage of members who were diagnosed with rheumatoid arthritis and who were dispensed at least one ambulatory prescription for a disease modifying anti-rheumatic drug (DMARD). National Committee for Quality Assurance. 2009 Jul. NQMC:005298</p> <p>Rheumatoid arthritis: percentage of patients with established treatment with a disease-modifying antirheumatic drug (DMARD) or glucocorticoids for whom monitoring for drug toxicity is performed. <i>Arthritis Foundation RAND Health. 2005 Jan. NQMC:002196</i></p> <p>Rheumatoid arthritis: percentage of patients newly prescribed any of the following drugs: non-steroidal anti-inflammatory drugs (NSAIDs) (selective or non-selective), disease-modifying antirheumatic drugs (DMARDs), glucocorticoids, or narcotics for whom a discussion with the patient about the risks versus benefits of the chosen therapy is documented. <i>Arthritis Foundation RAND Health. 2005 Jan. NQMC:002198</i></p>
Transplantation	<u>Kidney Transplant</u>	Increase long-term positive outcomes for renal transplant patients by improving community healthcare provider's knowledge, competence, and evidence-based performance.	<p>Advanced chronic kidney disease (CKD): percent of patients who have been referred for a transplant evaluation. Renal Physicians Association. 2002 Oct. NQMC:000363</p> <p>Advanced chronic kidney disease (CKD): percent of patients with documentation that education was provided. Renal Physicians Association. 2002 Oct. NQMC:00036</p>
Urology	<u>Overactive Bladder</u>	Increase positive outcomes for both male and female patients with overactive bladder by improving the healthcare provider's knowledge, attitude, communication skills, and resources to provide behavioral modification support	<p>Management of urinary incontinence in older adults: percentage of Medicare members 65 years of age and older who reported having a urine leakage problem in the past six months and who received treatment for their current urine leakage problem. <i>National Committee for Quality Assurance. 2007 Jul. [NQMC Update Pending] NQMC:002808</i></p> <p>Geriatrics: percentage of female patients aged 65 years and older who were</p>

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		and optimal medical treatment.	assessed for the presence or absence of urinary incontinence within 12 months. <i>American Geriatrics Society National Committee for Quality Assurance Physician Consortium for Performance Improvement</i> ®. 2007 Aug. NQMC:002924
Women's Health	<u>Women's Health</u>	<p>Through continuing professional education and practice-improvement initiatives, enable primary care providers to focus the dialogue with their adult female patients and advance the individualized care and treatment for conditions that are traditionally under-discussed and more prevalent in women:</p> <ul style="list-style-type: none"> • depression • fibromyalgia and pain management • menopause – vasomotor symptoms and other related health-effects • urogenital atrophy, urinary incontinence and bladder infections • sexual health 	<p>Menopause and hormone therapy (HT): collaborative decision-making and management: percentage of women in menopause who have had a bone mineral density (BMD) measurement a year after cessation of HT. <i>Institute for Clinical Systems Improvement</i>. 2008 Oct. NQMC:004455</p> <p>Osteoporosis: percentage of patients aged 50 years and older with a diagnosis of osteoporosis who were prescribed pharmacologic therapy within 12 months. <i>American Academy of Family Physicians, American Academy of Orthopaedic Surgeons, American Association of Clinical Endocrinologists, American College of Rheumatology National Committee for Quality Assurance Physician Consortium for Performance Improvement</i>® <i>The Endocrine Society</i>. 2006 Oct. NQMC:002955</p>

In addition to the clinical areas listed above, Pfizer also provides education grant support under the heading of “Healthcare Improvement & Leadership” to supplement and encourage innovative healthcare professional education initiatives or educational research:

<u>Healthcare Improvement & Leadership</u>	Patient Medication Safety <ul style="list-style-type: none"> • CV Risk of Cancer Therapies • Risk/Benefit of NSAID Therapies • Any clinical area mentioned elsewhere in this document 	<p>Accurately and completely reconciling medications across the continuum of care. <i>JCAHO Goal 8 for long term care facilities</i></p> <p>Annual Monitoring for Patients on Persistent Medications <i>HEDIS 2010</i></p>
	Healthcare Disparities	<p>Improve any quality measure identified elsewhere in this set of goals that also incorporate strategies to improve cultural competency and/or address specific healthcare disparities performance gaps.</p>
	Adherence	<p>Improve patient adherence to healthcare provider care management plan aligned with any of the clinical areas identified elsewhere in this set of goals.</p> <p>Previously Funded Resource Note: A useful set of tools and needs assessment resources previously supported by Pfizer can be found at the Interstate Postgraduate Medical Association link below: http://www.ipmameded.org/needs-assessment/patient-adherence</p>
	Value-based Health Initiatives	<p>Implement strategies for incorporating value-based benefit design principles into the management of chronic diseases through quality improvement initiatives that encourage early recognition and treatment of illnesses to reduce future economic costs.</p>
	Health Literacy	
	Patient-Centered Medical Home	
	Pharmacy Clinical Care Model	
	Interprofessional Education	
	Healthcare Technology	
	CME/CPD Professional Competency and Research	<p>Improve CME/CPD professional competency and/or research skills as measured by any of the 8 core competency measures identified by the Alliance for CME.</p> <ol style="list-style-type: none"> 1. Adult/Organizational Learning Principle 2. Educational Interventions 3. Performance Measurement 4. Systems Thinking

Notes:

1. Each of the 29 Underlined Areas listed in the document correspond to application categories in the online Grant Management System
2. Quality Measures. The listed metrics are provided as **examples only**. There are many sources of nationally accepted measures (NCQA, AHRQ, PQRI, JCAHO, NQF, AMA etc) and individual hospitals and clinics also often establish their own metrics of quality care.
3. This listing of Clinical Areas of Interest and goal statements does not commit Pfizer to award a grant, or to pay any costs incurred in the preparation of a grant in response to this listing. Pfizer reserves the right to accept or reject any applications received as a result of this posting or to change in part or in its entirety the Clinical Areas of Interest and goal statements throughout the year.