

HEALTH ANALYSIS

Our analytical expertise and access to a broad range of clinical and demographic data enables us to provide valuable insights on a variety of topics regarding specific populations, conditions, procedures and populations. Our consultative support includes input to guide Navy policy, lectures on epidemiology, health care measurement, scientific articles, and focused studies to examine feasibility of implementation and evaluation of specific interventions. We gather and analyze MHS clinical data, interpret the data, document trends to share findings, resolve issues, and help shape policy.

To learn more about HA's products and services

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or visit our website:
<http://www.med.navy.mil/sites/nmcphc/health-analysis>

Key Accomplishments

Pediatric Codeine

- Provided outreach support for the FDA's safety warning on pediatric deaths following the administration of codeine after tonsillectomy and adenoidectomy
- Accessed MHS data to develop an innovative risk communications factsheet targeting MHS specialty leaders in pediatrics, pharmacy, ENT and family medicine to raise awareness
- IMPACT: In conjunction with FDA alert, significantly reduced rate of codeine prescriptions among children receiving these procedures

Emergency Department Utilization

- Analyzed Emergency Department (ED) utilization at four Navy Hospitals, including the total cost of ED care and number of visits in fiscal year 2012
- Identified ED high utilizers and enabled initiatives to reduce ED expenses
- IMPACT: Demonstrated HA's ability to produce reports and metrics that guide decisions and policy development to improve clinical outcomes and reduce cost

Myasthenia Gravis

- Notified, via direct mail, patients with myasthenia gravis and their providers of FDA safety warning on the impact of fluoroquinolone antibiotics on myasthenia gravis symptoms
- Provided patients with a wallet card notification to increase awareness of the potential harm of these antibiotics, along with guidance to contact their individual family practice physicians
- IMPACT: Empowered patients with information and resources to make informed decisions and directly communicate with their providers

Physical Activity Risk Factor Questionnaire (PARFQ)

- Assessed the PARFQ screening process conducted prior to undergoing physical readiness preparation and testing
- Identified potential cost avoidance of \$20 million per year by replacing PARFQ process with risk-stratification process, without impacting outcomes and without accepting unnecessary risk
- IMPACT: Provided Navy Medicine with the analytic capabilities to guide policy and enhance clinical practices

