



Force Health Protection Quality Assurance Program

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(Health Affairs) Force Health Protection and Readiness



Force Health Protection QA Program Overview

- Congressional Directions
- GAO Reviews
- DoD Policies
- DoD Programs



Force Health Protection QA Program

Congressional Directions

- FY1998 National Defense Authorization Act
 - Deployment health assessments (pre and post)
 - Deployment-related health care (record and retain)
 - Quality assurance program (evaluate compliance)
- FY2005 National Defense Authorization Act
 - Establish Joint Medical Readiness Oversight Committee
 - Monitor health status, medical readiness tracking, deployment health surveillance, and policy compliance
 - Report to Congress on FHP quality assurance program



Force Health Protection QA Program

GAO Reviews

- GAO Review of FHP for OEF (2002-2003)
 - Reviewed compliance with FHP requirements
 - Found deficiencies in medical records and databases
 - One recommendation: establish a QA program
- GAO Review of FHP for OIF (2003-2004)
 - Reviewed compliance with FHP requirements and establishment of a QA program
 - Found some major improvements (and deficiencies) in compliance; did not evaluate the QA program
 - No recommendations



Force Health Protection QA Program

GAO Reviews (cont)

- Reserve Component Medical & Physical Fitness (2005)
 - Rec: better monitor and ensure RC fitness for deployment
- Deployment Occ & Env Health Surveillance (2005)
 - Rec: improve deployment OEHS data collection & research
- PTSD Mental Health Referrals (2006)
 - Rec: identify factors for post-deployment mental health referrals
- Civilian Deployment Health (2006-ongoing)
 - Looking at DoD policies and programs for civilian deployers



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DoD Policies

- DoDD 6490.2, Joint Medical Surveillance (1997)
- DoDI 6490.3, Joint Medical Surv for Deployments (1997)
- DoD Memo, Deployment Health Surveillance (2002)
- DoD Memo, Enhanced Post-Dep Health Assmnts (2003)
- DoD Memo, Deployment Health QA Program (2004)
- DoDD 6200.4, Force Health Protection (2004)
- DoDD 6490.2, Comprehensive Health Surveillance (2005)
- DoD Memo, Post-Dep Health Reassessments (2005)
- DoDI 6490.3, Deployment Health (2006 est)
- DoDI 6200.dd, Force Health Protection QA Pgm (2006 est)



Force Health Protection QA Program

DoD Programs

- Deployment Health QA Program
 - Scope & key elements
 - DHQA findings & reports
- Force Health Protection QA Program
 - Scope & key elements
 - FHPQA findings & reports
 - DoD Instruction on FHPQA Program



Force Health Protection QA Program

Deployment Health QA Program

- Deployment health: a commander's responsibility
- Deployment health QA: a collaborative program
- Deployment health QA program key elements:
 - Installation visits by DOD-DHSD and Service-SG staff
 - Reports by AMSA on DMSS centralized data
 - Reports from the Services on their QA programs
 - Annual reports by DHSD to ASD(HA) and Congress



Force Health Protection QA Program

Deployment Health QA Visits

- Visits to one site per Service, per year
- Conducted jointly by DOD-DHSD and Service-SG
- Key activities include:
 - In- and out-briefs with line and medical commanders
 - Dialogue with key unit leaders and service members
 - Identification of deployed/redeployed personnel
 - Completion of deployment health assessments
 - Review medical records for deployment documentation
 - Review and validation of info in the DMSS database, DOD serum repository, and DMDC database



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Deployment Health QA Visits—2004

- Sites: Camp Lejeune, Fort Benning, Holloman AFB, USS Laboon
- Medical Records Review: (96~110 records per site, 414 total)
 - Pre-Dep Health Assessments: 3~97%
 - Post-Dep Health Assessments: 15~97%
 - Immunizations: 90~98%
 - Theater Care in Record: 76~94%
 - Referral Care in Record: NA
- Central Database Review:
 - Pre-Dep Health Assessments: 53~68%
 - Post-Dep Health Assessments: 71~94%
 - Pre-Dep Serum Sample: 81~95%
 - Post-Dep Serum Sample: 95~98%



Source: DoD DHQA Report, May 2005

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Deployment Health QA Visits—2005

- Sites: Camp Pendleton, Fort Lewis, Hurlburt Field, USS Bataan
- Medical Records Review: (125~155 records per site, 566 total)
 - Pre-Dep Health Assessments: 80~97%
 - Post-Dep Health Assessments: 94~100%
 - Immunizations: 75~94%
 - Theater Care in Record: 43~89%
 - Referral Care in Record: 14~90%
- Central Database Review:
 - Pre-Dep Health Assessments: 24~99%
 - Post-Dep Health Assessments: 59~95%
 - Pre-Dep Serum Sample: 88~100%
 - Post-Dep Serum Sample: 92~97%

Source: DoD DHQA Report, March 2006



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DHQA Visits 2004 - 2005

DHQA Element	2004	2005
DD2795 in Med Record	70%	90%
DD2796 in Med Record	76%	98%
Theater Care in Record	85%	63%
DD2795 in DMSS	61%	68%
DD2796 in DMSS	84%	82%
Pre-Deployment Serum	90%	96%
Post-Deployment Serum	97%	94%



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Post-Deployment Health Assessments—2004

- Service Members with DD Form 2796: 303,959
- Electronic DD Form 2796: 59% (6~76%)
- General Health E/VG/G: 91% (89~98%)
- Medical or Dental Problems: 30% (11~38%)
- Currently on Profile: 9% (2~17%)
- Mental Health Concerns: 5% (1~7%)
- Exposure Concerns: 17% (6~23%)
- Health Concerns: 15% (6~19%)
- Referral Indicated: 23% (8~29%)
- Follow-Up Medical Visit: 89% (61~93%)
- Post-Deployment Serum: 91% (84~95%)

Source: AMSA Report, January 2006



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Post-Deployment Health Assessments—2005

- Service Members with DD Form 2796: 353,229
- Electronic DD Form 2796: 81% (12~100%)
- General Health E/VG/G: 92% (90~98%)
- Medical or Dental Problems: 31% (11~39%)
- Currently on Profile: 8% (1~12%)
- Mental Health Concerns: 6% (1~8%)
- Exposure Concerns: 16% (3~22%)
- Health Concerns: 13% (6~17%)
- Referral Indicated: 21% (10~27%)
- Follow-Up Medical Visit: 91% (61~96%)
- Post-Deployment Serum: 92% (83~95%)

Source: AMSA Report, March 2006



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PDHAs 2004 - 2005

PDHA Category	2004	2005
Electronic DD2796	59%	81%
Health Good-VG-Excellent	91%	92%
Medical-Dental Problems	30%	31%
Mental Health Concerns	5%	6%
Exposure Concerns	17%	16%
Health Concerns	15%	13%
Referral Indicated	23%	21%
Follow-Up Medical Visit	89%	91%



Force Health Protection QA Program

PDHAs - Military Services - 2005

PDHA Category	Army	Navy	USAF	USMC
Electronic DD Form 2796	94%	12%	100%	22%
Health G-VG-Excellent	90%	96%	98%	94%
Medical-Dental Problems	39%	16%	11%	24%
Mental Health Concerns	8%	3%	1%	3%
Exposure Concerns	22%	8%	3%	11%
Health Concerns	17%	8%	6%	11%
Referral Indicated	27%	10%	10%	15%
Follow-Up Medical Visit	96%	70%	82%	61%



Force Health Protection QA Program

Force Health Protection Quality Assurance

- Force Health Protection QA Program Drivers
 - ASD(HA) focus on monitoring of and improvement in service member life-cycle health and readiness
 - Congressional interest in health assurance and compliance—especially related to deployments
- Force Health Protection QA Program Goals
 - Identify important Force Health Protection elements (high-risk, high-volume, problem-prone)
 - Monitor those important elements to assess status, measure improvement, and document compliance



FHP QA Program—Report to Congress

- Annual Report to Congress on Force Health Protection QA directed by the FY2005 NDAA
- Covers activities in preceding calendar year
- 2005 report (on CY2004 activities) in two parts:
 - Deployment health policy compliance
 - Pre- and post-deployment health assessments/sera samples
 - Documentation in medical records and central databases
 - Deployment exposures and health concerns
 - Confirmed exposures to occupational & environmental hazards
 - Post-deployment health concerns: general/mental/exposure



Force Health Protection QA Program

Deployment Health Exposures

- USACHPPM has a comprehensive surveillance program for deployment-related OEH exposures
- FHPQA Report to Congress for OIF/OEF (2004)
 - 3,900 air/water/soil samples from 300 locations
 - 10,000 OEH surveillance documents
 - Report highlighted 6 specific exposure incidents
 - Hazards include depleted uranium, particulate matter, sarin, chemicals (PCBs, chromium, chlorine), sulphur dioxide, carbon monoxide, and lead
 - No significant long-term adverse health effects noted

Source: DoD FHPQA Report to Congress, August 2005



Post-Deployment Health Concerns

- Concerns from service members redeploying from OIF or OEF in CY2004
- Three broadly-focused health questions asked by providers, plus four mental health-focused questions completed by service members
- Findings:
 - General Health: 19% Concerns (13% Referrals)
 - Mental Health: 36% Concerns (16% Referrals)
 - Exposure Health: 21% Concerns (13% Referrals)

Source: DoD FHPQA Report to Congress, August 2005



FHP QA Program—DoD Instruction

- New DoD Instruction 6200.dd: FHP QA Program
 - Based on DoD Directive 6200.4, Force Health Protection
 - Expands beyond deployment to full scope of force health
 - Healthy and Fit Force
 - Prevention and Protection
 - Medical and Rehabilitative Care
 - Infrastructure and Support services
 - Encompasses service member's entire military career (accession, in garrison, deployment, separation)
- Formal coordination completed, publish this year



Force Health Protection QA Program

FHP QA Program—Key Elements

- Individual Medical Readiness
- Individual Physical Fitness
- Deployment Health Assessments
- Deployment Locations and Exposures
- DoD Health Information Provided to VA
- Education and Training
- Research and Development
- Lessons Learned



FHP QA Key Elements—Examples

- **Physical Fitness:** % with passing scores
- **Deployed Locations:** daily location data at DMDC
- **Deployment Exposures:** exposure documentation in health records and at CHPPM
- **Deployment Health Assessments:** pre & post & reassessments in health records and DMSS
- **Health Information to VA:** information available for separated DoD service members



Force Health Protection QA Program Summary

- DoD leaders and Congress remain focused on the health of service members
- Deployment health QA program served as basis for monitoring compliance, identifying problems documenting improvements, and reporting status
- Force health protection QA program developed to address full range of military activities across entire period of military service

