





# **Reproductive and Sexual Health**

# Webinar: Navy Preventive Medicine and Management of the STI Patient

27 April 2016

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# The views expressed in this briefing are those of the authors and do not necessarily reflect the official policy or position of the Department of the Navy, Department of Defense, nor the U. S. Government

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## **Webinar Courtesy**

- Thank you for joining us!
- To listen to the presentation, use the dial in:
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## **Learning Objectives**

- STI Case Standards of Care
- Idealized STI Patient Flow / Tasks
- Preventive Medicine Department Challenges
- STI Case and Risk Behavior Reporting via DRSi
- Collaboration with Your Local Public Health Department
- STI Patient Management Resources

STI = Sexually Transmitted Infection
DRSi = Defense Reporting System Internet





#### **Standards of Care**

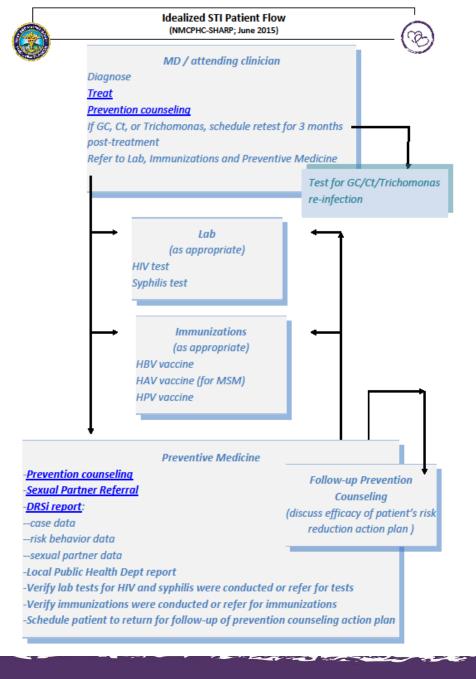
- Prevention Counseling
- Partner Referral
- HPV Vaccination
- HAV Vaccination
- HBV Vaccination
- HIV Pre and Post Exposure Prophylaxis
- HIV test: all STIs plus annual (at least) for MSM
- Follow-up testing for GC, Ct, Trichomoniasis
- Case Reporting: DRSi; Local

CDC 2015 Sexually Transmitted Diseases Treatment Guidelines; http://www.cdc.gov/std/tg2015/default.htm





# STI Patient Management







## **Preventive Medicine Department Challenges**

- STI Case Surveillance
- STI Case Referral-to-Prev-Med Process
- STI Case Notification
- Prevention Counseling
- Partner Referral
- STI Case follow-up
- STI Case Reporting





### Tracking STIs Using DRSi



accelerates

DRSi Users Contact List

Profile Help

NDRSi :: Medical Events Recorder Main Page

Welcome: Asha Riegodedios

Instructions: To perform a Medical Events Recorder task, click on the appropriate task link presented below.

Medical Event Reports | Patient Management | Summary Reports

Enter/Edit Medical Event Report(s) by SSN

Review, edit, and report new Medical Event Report(s) for a patient(sponsors and associated FMPs).

Enter/Edit Outbreak Report(s)

Review, edit, and report new Outbreak Report(s).

Review Deleted Medical Event Report(s)

Review Medical Event Reports that have been flagged for removal or deletion, also restore these records back into DRSi.

Manage STI Case(s)

Review reported incidents of sexual transmitted infections.

Enter/Edit Medical Event Report(s) by Repo

Review and edit Medical Event Report(s) based or Reporting Units.

Enter/Edit VAERS Case(s)

Enter, edit, and report new Vaccine Adverse Even (VAERS).

Review Case-Findings by Reporting Unit

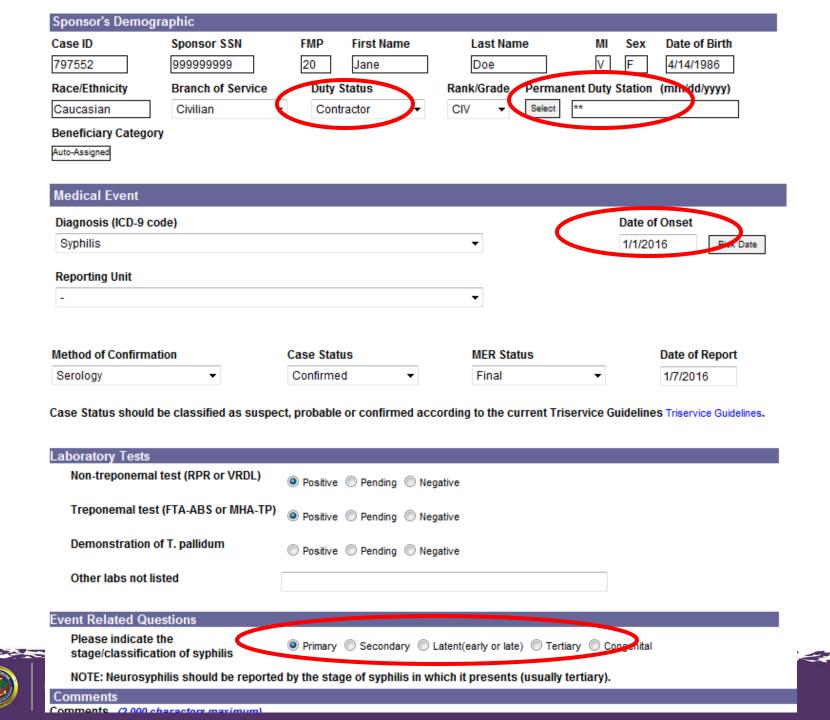
Analyze available Case-Finding data and report no Event Report as necessary.

Manage Health Department Print

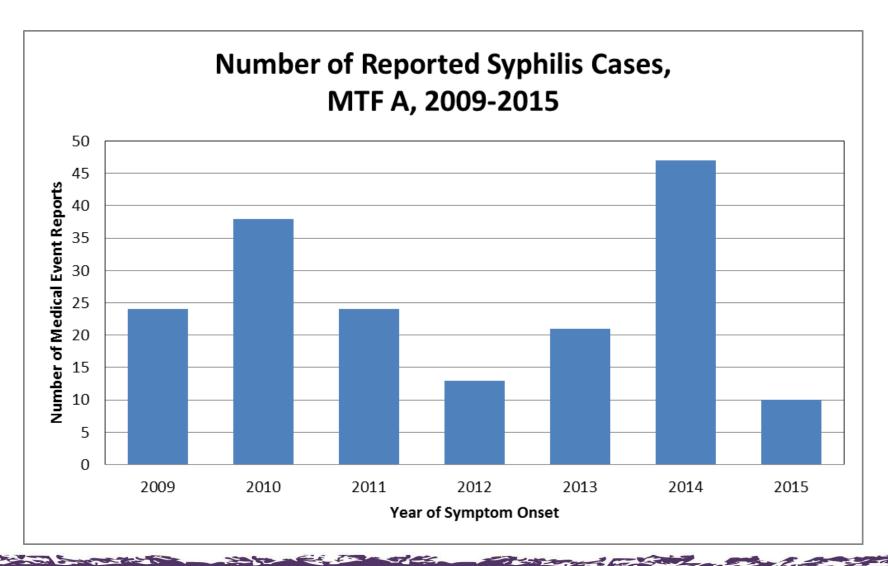
Print Health Department MER Case(s)





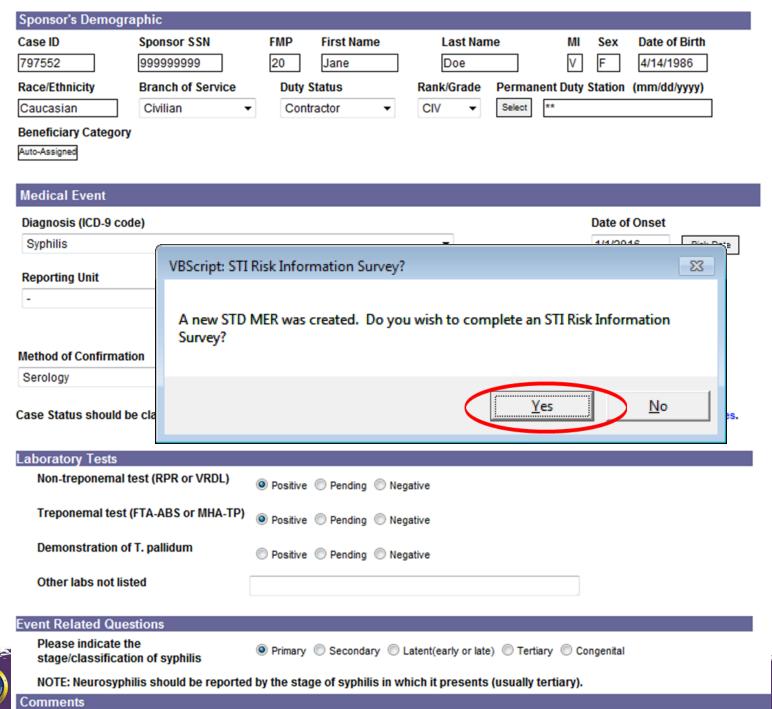


## **Tracking Syphilis Using DRSi**









Comments /2 000 charactors maximum)

Welcome: Asha H	Riegodedios				1	
			Close	Save Changes	Submit as Final	]
Patient Demograpl	nics					
STI Case ID:						
Sex	Male Female	FM	P: 20 - Spons	гог	<b>Age:</b> 46	5
Races	Asian/Pacific Island	Branc	h: Navy		Rank: O	1
Duty Status:	Active Duty					
Medical Event Info	rmation					
Diagnosis:	Syphilis					
Reporting Unit:	00018		Date	of Onset 1/1/201	6	
STI Detail						
Marital Status:	Single-never Married Divor	ced © Unkno	wn			
	Married Wido	wed Refuse	ed to answer			
	Married-seperated Coha	bitating				
Prevention counseling	ng and partner referral service	s conducted?				
	O Yes O No O Unknown					
Sexual Behavior with	nin past 3 months:					
Anonymous Partner I Injection Drug Use Exchanged money/drugs for sex						
	■ Men-sex-with-men ■ Unknown ■ Other					
	Refused to answer					
Sexual Behavior with	nin the last 12 months:					
	Anonymous Partner Injection	Drug Use 🔲 Exc	hanged money/	drugs for sex		
	Men-sex-with-men Unknow	n 🔲 Other				
	Refused to answer					
Partner Information	~ ~ ~	are appropria	te for all na	med partners o	of this patient who	were expose
within 90 days prio	r to the Date of Onset.					
					Partne	r Information Co





Refused to answer					
Partner Information Testing and treatment are appropriate for all named partners of this patient who					
within 90 days prior to the Date of Onset.					
Partner #1:					
Partner Type: Spouse Other main partner Casual or periodic partner					
Anonymous partner					
Refused to answer					
Condom Used? Yes No Refused to answer					
Location at time of exposure to this partner:					
☐ Home station ☐ On leave/liberty ☐ Deployed					
☐ Underway ☐ CONUS ☐ OCONUS					
Prior to enlistment Other					
Partner notification option chosen by patient:					
Provider referral     Third party referral     Patient referral					
Contract referral Dual referral Other					
◎ None					
Partner notified of exposure within 30 days?   Yes  No  Unknown					
Partner testing and treatment confirmed within 30 days?					
Partner confirmed infected with STI?   Yes   No   Unknown					
Add Partner Save Changes					





Instructions: To perform a Medical Events Recorder task, click on the appropriate task link presented below.

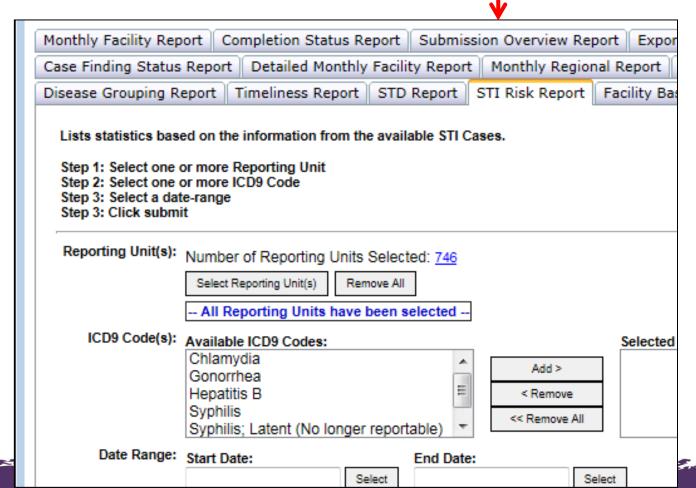
Medical Event Reports

Patient Management
Summary Reports

MER Case Chart Analysis
Generate Medical Event Reporting frequency and by-age breakdown charts.

Summary Reports

Generate thirteen summary reports: Monthly Facility Completion Status Report, Submission Overview Report Case Finding Status Report Detailed Monthly



# Tracking Syphilis Using DRSi – STI Risk Report

	Selected Population Count	Selected Population Percent	Navy Population Count	Navy Population Percent
Total	321	100.0 %	1,936	100.0 %
Diagnosis				
Chlamydia	291	90.7 %	1,758	90.8 %
Gonorrhea	26	8.1 %	138	7.1 %
Syphilis	3	0.9 %	17	0.9 %
Syphilis; Primary/Secondary (No longer reportable)	1	0.3 %	12	0.6 %
Age				
<= 17	16	5.0 %	18	0.9 %
18 ~ 24	208	64.8 %	1,256	64.9 %
25 ~ 30	70	21.8 %	454	23.5 %
31 ~ 35	17	5.3 %	106	5.5 %
36 ~ 40	6	1.9 %	52	2.7 %
>= 41	4	1.2 %	50	2.6 %
Sex				
Male	212	66.0 %	783	40.4 %
Female	109	34.0 %	1,153	59.6 %
Status				
Active Duty	193	60.1 %	1,489	76.9 %
Other Beneficiary	128	39.9 %	447	23.1 %
Martial Status	·		_	





	Selected Population Count	Selected Population Percent	Navy Population Count	Navy Population Percent
Martial Status				
Cohabitating	4	1.2 %	8	0.4 %
Divorced	4	1.2 %	41	2.1 %
Married	74	23.1 %	457	23.6 %
Married-Separated	9	2.8 %	29	1.5 %
Missing	2	0.6 %	92	4.8 %
Single-never Married	213	66.4 %	999	51.6 %
Unknown	14	4.4 %	304	15.7 %
Widowed	1	0.3 %		7
Sexual Behavior (Past 3 months)				
Anonymous Partner	112	34.9 %	755	39.0 %
Exchanged money/drug for sex	1	0.3 %	8	0.4 %
Men-sex-with-men	5	1.6 %	21	1.1 %
Unknown	98	30.5 %	412	21.3 %
Other	49	15.3 %	535	27.6 %
Refused to answer	2	0.6 %	59	3.0 %
Not specified	58	18.1 %	182	9.4 %
Sexual Behavior (Past 12 months)				
Anonymous Partner	108	33.6 %	699	36.1 %
Exchanged money/drug for sex	1	0.3 %	4	0.2 %
Men-sex-with-men	5	1.6 %	21	1.1 %
Unknown	104	32.4 %	484	25.0 %
Other	43	13.4 %	444	22.9 %
Refused to answer	2	0.6 %	66	3.4 %
Not specified	61	19.0 %	249	12.9 %
Certified Complete				
Yes	110	34.3 %	1,184	61.2 %
No	211	65.7 %	752	38.8 %

MEALTH

# **Tracking STIs Using DRSi**

- = > DRSi helpdesk email: <u>usn.hampton-</u> <u>roads.navmcpubhlthcenpors.list.nmcphc-ndrs@mail.mil</u>
- Contact us if you have questions on getting a DRSi account or how to use DRSi
- Or if you want one-on-one training to help you make the best use of DRSi at your MTF
- Monthly disease surveillance training webinars
  - Last Tuesday of every month
  - 30 minutes in length, held at 0900, 1500 and 1700 ET
  - Registration Information and previously recorded sessions can be found at: <a href="http://go.usa.gov/3K5kz">http://go.usa.gov/3K5kz</a>





## Collaboration with Your Local Public Health Department

#### Overview:

- Ensure all infected and affected partners are adequately followed-up with and treated.
- Connect partners with services, regardless of health insurance status.
- Provide a clear picture of disease threats across the region.

#### Goals:

- Improve health outcomes for all involved
- Early detection and treatment of infections
- Reduce disease transmission
- Disease containment
- Improve medical readiness for our fighting forces





## Collaboration with Your Local Public Health Department

- Local Health Department's (LHD) resources includes:
  - Diagnosis and treatment histories for patients and partners
  - Partner services to include interview and referral for services
  - Field services that may include home visits for patients and partners that are hard to reach by phone
  - Interview and treatment services for civilians who may not be authorized to use military health care and may lack health insurance
  - Advice on case management of routine and non-routine cases of STIs and HIV
- Reporting to the LHD meets federal and state compliance requirements
- The Virginia Reportable Disease List may found at:

http://www.vdh.virginia.gov/epidemiology/documents/pdf/Reportable Disease List.pdf

This list is very similar to that of many states. Check your local state's listing, if outside of Virginia





#### Virginia Reportable Disease List

Reporting of the following diseases is required by state law (Sections 32.1-36 and 32.1-37 of the Code of Virginia and 12 VAC 5-90-80 and 12 VAC 5-90-90 of the Board of Health Regulations for Disease Reporting and Control - <a href="http://www.vdh.virginia.gov/epidemiology/regulations.htm">http://www.vdh.virginia.gov/epidemiology/regulations.htm</a>). Report all conditions when suspected or confirmed to your local health department within three days, except those listed in RED, which must be reported immediately by the most rapid means available.

Acquired immunodeficiency syndrome (AIDS)	₹ MONKEYPOX
Amebiasis	Mumps
■ ANTHRAX	MYCOBACTERIAL DISEASES (INCLUDING AFB),
Arboviral infection (e.g., dengue, EEE, LAC, SLE, WNV)	I (IDENTIFICATION OF ORGANISM) AND DRUG
<b>⊉</b> BOTULISM	SUSCEPTIBILITY
■ BRUCELLOSIS	Ophthalmia neonatorum  OUTBREAKS, ALL (including but not limited to
2 Campylobacteriosis	foodborne, healthcare-associated, occupational, toxic
Chancroid	substance-related, and waterborne)
2 Chickenpox (Varicella)	PERTUSSIS
2 Chlamydia trachomatis infection	1 PLAGUE
□ ≥ CHOLERA	POLIOVIRUS INFECTION, INCLUDING POLIOMYELITIS
2 Creutzfeldt-Jakob disease if <55 years of age	PSITTACOSIS
2 Cryptosporidiosis	D Q FEVER
2 Cyclosporiasis	RABIES, HUMAN AND ANIMAL
∏ ≥ DIPHTHERIA	Rabies treatment, post-exposure
DISEASE CAUSED BY AN AGENT THAT MAY HAVE BEEN USED AS A WEAPON	RUBELLA, INCLUDING CONGENITAL RUBELLA SYNDROME
⊉ Ehrlichiosis/Anaplasmosis	■ Salmonellosis
■ \$\frac{1}{2} Escherichia coli infection, Shiga toxin-producing	SEVERE ACUTE RESPIRATORY SYNDROME (SARS)
2 Giardiasis	☐ Shigellosis
2 Gonorrhea	SMALLPOX (VARIOLA)     SMALLPOX (VARIOLA)
Granuloma inguinale	2 Spotted fever rickettsiosis
1 2 HAEMOPHILUS INFLUENZAE INFECTION, INVASIVE	Staphylococcus aureus infection,
	invasive methicillin-resistant (MRSA) and
Hemolytic uremic syndrome (HUS)	vancomycin-intermediate or vancomycin-resistant
HEPATITIS A	■ Streptococcal disease, Group A, invasive or toxic shock
≜ Hepatitis B (acute and chronic)	2 Streptococcus pneumoniae infection, invasive, in children
Hepatitis C (acute and chronic)	<5 years of age
Hepatitis, other acute viral	Syphilis (report PRIMARY and SECONDARY immediately)
Human immunodeficiency virus (HIV) infection	Tetanus
# ½ Influenza	
(report INFLUENZA A, NOVEL VIRUS immediately)	
INFLUENZA-ASSOCIATED DEATHS IN CHILDREN <18 YEARS OF AGE	■ TUBERCULOSIS (TB), ACTIVE DISEASE Tuberculosis infection in children <4 years of age
Lead, elevated blood levels	TULAREMIA
Legionellosis	■
Leprosy (Hansen disease)	UNUSUAL OCCURRENCE OF DISEASE OF PUBLIC
Listeriosis	HEALTH CONCERN
b Lyme disease     □ Lyme disease	2 VACCINIA, DISEASE OR ADVERSE EVENT
Lymphogranuloma venereum	₹ VIBRIO INFECTION
2 Malaria	VIRAL HEMORRHAGIC FEVER
MEASLES (RUBEOLA)	YELLOW FEVER
MENINGOCOCCAL DISEASE	

- These conditions are reportable by directors of laboratories. In addition, these and all other conditions except mycobacterial disease (other than TB) and invasive MRSA infection are reportable by physicians and directors of medical care facilities. Reports may be by computer-generated printout, <a href="Epi-1 form">Epi-1 form</a>, CDC surveillance form, or upon agreement with VDH, by means of secure electronic transmission.
- A laboratory identifying evidence of these conditions shall notify the local health department of the positive culture and submit the initial isolate to the Virginia Division of Consolidated Laboratory Services (DCLS) or, for TB, to DCLS or other lab designated by the Board.
- Laboratories that use a Shiga toxin EIA methodology but do not perform simultaneous culture for Shiga toxin-producing £. coli should forward all positive stool specimens or positive enrichment broths to DCLS for confirmation and further characterization.
- # Physicians and directors of medical care facilities should report influenza by number of cases only (report total number per week and by type of influenza, if known); however, individual cases of influenza A novel virus must be reported immediately by rapid means.
- Note: 1. Some healthcare-associated infections are reportable. Contact the VDH Healthcare-Associated Infections Program at (804) 864-8141 or see 12 VAC 5-90-370 for more information.
  - Cancers are also reportable. Contact the VDH Virginia Cancer Registry at (804) 864-7866 or see 12 VAC 5-90-150-180 for more information.

DEPARTMENT OF HEALTH

Effective March 28, 2011



# Collaboration with Your Local Public Health Department

- How to Report Provide information to your local Health Department
  - Provide copy of NDRSi for diagnosed and suspected cases; except HIV
  - For HIV, complete and forward DHHS Form: "Adult HIV Confidential Case Report Form"
    - (May be provided by Health Department)
    - For Sailors and marines, form is typically completed and submitted by NavMedCen SD; NavMedCen Portsmouth or Walter Reed NMMC during initial case evaluation
  - For partners, complete and forward CDC Field Record. (Formerly Rainbow Form)
    - Local Health Departments may have similar forms for your convenience





Navy and Marine Corps Public Health Center > Health Promotion and Wellness > Reproductive and Sexual Health > Environmental Health Officers and Preventive Medicine Representatives

#### REPRODUCTIVE AND SEXUAL HEALTH

#### **Key Products and Services**

- Sexual Health and Responsibility Program (SHARP)
- DoN Sexual Health Indicators
- Sexual Health Resources
- Centers for Disease Control and Prevention (CDC) Guidelines
- Clinical Resources: Treatment, Testing and Screening
- Condoms
- Contraception
- Environmental Health Officers and Preventive Medicine Representatives
- Family Planning
- Gay and Bisexual Mens Sexual Health
- Healthy People 2020 Objectives
- HIV Evaluation and Treatment Units (HETU)
- HIV Prevention Resources
- Human Papillomavirus (HPV)
   Prevention
- Lesbian and Bisexual Womens
   Sexual Health
- Long Acting Reversible Contraception (LARC)
- Policies of the Uniformed Services
- PMT Student Resources
- Sexually Transmitted Infections

#### PREVENTION SERVICES FOR THE STI PATIENT

For assistance with sexual health promotion, contact: NMCPHC-SHARP via email or call 757-953-0974 (DSN 377)

#### 1. Policies.

- BUMEDINST 6222 10
- . SECNAVINST 5300.30, HIV, HBV and HCV
- · Other sexual health policies
- Idealized STI Patient Flow Diagram

#### 2. HIV-STI Prevention Counseling.

Each patient diagnosed with, or identified to be at increased risk for, a sexually transmitted infection (including HIV), should receive intensive risk-reduction counseling following an evidence-based model.

- Prevention Counseling Desk-top Assistant. This document outlines the steps in the process, following the evidence-based RESPECT model.
- Navy Training Film "HIV-STI Prevention Counseling" (NMCPHC 2013) order via email. Demonstrates
  the 6 steps of working with the STI patient to reduce future risk behavior.
- · Condom skills counseling video (NMCPHC)
- Interview Form (CDC). This document is one option for capturing important information during your counseling session. This worksheet can be shredded after the information is entered into ALHTA, DRSi and the Contact Notification Form (one per partner).

#### 3. HIV-STI Sexual Partner Services.

Recent sexual partners of patients infected with some STIs should be informed of their potential exposure and be offered testing and treatment.

- Student Manual. This document details the sexual partner notification interview and process and can be taken as a self-study course. SHARP provides a certificate of completion.
- Table of Interview Periods . This document specifies which partners of which patients should be considered for notification.
- Sexual Partner Services Desk-top Assistant. This document summarized the steps of the partner referral interview. This interview is folded into the prevention counseling session.
- Contact Notification Form (CDC). This form is used to document Prev Med attempts to notify partners
  and is sent to other referral agencies when the sexual partner is out of the jurisdiction of the Prev Med
  Dept.
- Eactsheet "How do I tell my partner?" Patient handout to reinforce partner referral messages





## **Draft Navy Prev Med STI Management Scoresheet**

DRAFT - Navy Prev Med STI Case Management Score Sheet - Revised 20 Oct 2015
Navy and Marine Corps Public Health Center - Sexual Health and Responsibility Program (SHARP)

Criteria	Criteria value		My positive scores	My negative scores			
<ol> <li>Number of positive laboratory results for chiamydia, gonorrhea or primary/secondary syphilis on specimens collected in the medical facilities you support</li> </ol>		10					
Treatment; Testing; Vaccination							
1b. Number treated	10 points per every 10% of pos labs (e.g. 10 pos labs with 1 case treated = 10 points)	10	100				
1c. Number treated IAW the CDC treatment guidelines	1 point per every 10% of cases treated (e.g. 10 cases treated with 5 case treated IAW CDDC Guide = 5 point)	5	5				
1d. Number tested for HIV at the time of treatment	1 point per every 10% of cases treated (e.g. 10 cases treated with 5 tested for HIV = 5 point)	5	5				
1e. Number scheduled for appropriate post-treatment testing (3 months for GC and Ct; 6 and 12 months for primary/secondary syphilis)	1 point per every 10% of cases treated (e.g. 10 cases treated with 5 tested for HIV = 5 point)	5	5				
Reporting							
2a. Number reported in DRSI	1 point per every 10% of treated cases (e.g. 10 treated cases with 5 reported in DRSI = 50% reported = 5 points)	5	5				
2b. Number reported to local public health	1 point per every 10% of treated cases (e.g. 10 treated cases with 5 reported to locals = 50% reported = 5 points)	5	5				
Counseling	Counseling						
3a. Number interviewed/educated by Prev Med in person on the day of diagnosis/freatment	3 points per every 10% of treated cases (e.g. 10 trated cases with 5 intervelwed same day = 15 points)	5	15				
3b. Number interviewed/educated by Prev Med in person or by phone on days 2-7 following diagnosis/treatment	2 points per every 10% of treated cases (e.g. 10 trated cases with 5 intervelwed same day = 10 points)	5	10				
3d. Number interviewed/educated by Prev Med in person or by phone after day 7 following diagnosis/treatment	1 points per every 10% of treated cases (e.g. 10 trated cases with 5 intervelwed same day = 5 points)	5	5				
3c. Number not interviewed or educated by Prev Med	minus 10 points for each 10% of treated cases that were not interviewed	1		10.00			
Partner Services							
Number of STI cases interviewed who named at least 1 identifiable sexual partner for which     Provider Notification was selected by the patient		10					
4b. Total number of named sexual partners for which Provider Notification was selected by the patient		10					





# **Closing Thoughts**

- Optimize STI patient care flow
- Ensure patient services were delivered:
  - Prevention Counseling
  - Partner services
  - Annual syphilis and HIV test for MSM
  - HIV PrEP consideration for men with Syphilis and MSM
  - HPV, HAV and HBV Vaccination
  - Follow up testing for GC. Ct and Trich cases
- DRSi complete the STI risk survey fields
- Local PH Collaboration





### **Questions, Concerns, Ideas?**

Navy and Marine Corps Public Health Center Sexual Health and Responsibility Program (SHARP) 620 John Paul Jones Circle, Suite 1100 Portsmouth VA 23708



http://www.med.navy.mil/sites/nmcphc/health-promotion/reproductivesexual-health/Pages/reproductive-and-sexual-health.aspx

e-mail:

michael.r.macdonald2.civ@mail.mil

voice: (757) 953-0974 [DSN 377]





- The slides and audio will be archived on the NMCPHC webpage at: <a href="http://www.med.navy.mil/sites/nmcphc/health-">http://www.med.navy.mil/sites/nmcphc/health-</a> <a href="promotion/Pages/webinars.aspx">promotion/Pages/webinars.aspx</a>
- Thank you for joining us and if you have any questions, please email Bob MacDonald at <u>michael.r.macdonald2.civ@mail.mil</u>

