## EPIDEMIOLOGY of Acute PID

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| Bohm Sex Transm Dis 2010              | Retrospective    | United States 2001-2005 MedStat MarketScan Databases of > 100 private insurance plans and enrollees | ICD-9-CM diagnosis of PID                                 | PID rates (diagnoses)  | • Annual PID diagnosis rates declined from 317 to 236 per 100,000 enrollees over 5 years  
  • Highest: 25-29 y.o., South  
  • Inpatient: 15%, ER: 17%, outpatient facilities: 69%                        | Retrospective ICD-9-CM codes                                                      | Fair                                                                   |
| French Sex Transm Dis 2011            | Retrospective    | United Kingdom 2000-2008 UK General Practice Research Database                          | Diagnosis code of PID “Definite”, “probable” (e.g. hydrosalpinx, blocked tube, chronic endometritis, abscess) and “possible” (pelvic pain, congestion, cervicitis) PID | PID rates (diagnosis)  | • Decline in “definite, probable” PID by 10.4% per year  
  • Greatest decline in 15-19 y.o.                                                | Retrospective Diagnosis coding                                                     | Fair                                                                   |
| Armed Forces Health Surveillance Center (AFHSC) MSMR 2012 | Retrospective    | U.S. Military 2002-2011                                                              | PID diagnosis- ICD-9-CM                                    | PID rates              | • Incident rates stable (8.2 per 1,000 person-years)  
  • Higher incidence rates among 17-24, black, non-Hispanic  
  • Lowest incidence in 35+ y.o., Asian/Pac  
  • 70% had no prior CT/GC recorded  
  • 9% inpatients  
  • 1 in 7 with acute PID had dx of                                                  | Retrospective ICD-9 coding                                                        | Fair                                                                   |
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• Increase in 1st time infertility diagnosis (following PID) from 2% to 11% | Retrospective Diagnosis codes Not controlled for maternal age, abortions, EP risk factors Hospitalizations only | Fair |