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| Rekart J Infect Dis 2013 | Retrospective analysis | British Columbia Provincial databases 1992-2009 15-44 y.o for PID and EP 15-39 yo for CT inf | CT screening-population level in B.C. | CT infection PID ECTOPIC PREG | • '97-'09: CT increased from 402 cases/100,000 to 935 cases/100,000  
• PID decreased 80% from '92-'09  
• EP: Decreased from '92-'03, then incr slightly | Limitation of coding/billing dataset  
“Arrested immunity” theory | Good |
| Scholes Sex Transm Dis 2012 | Retrospective analysis | Washington state and Idaho 15-44 y.o. 1997-2007 Group Health Cooperative | CT screening | PID and ER rates ICD-9 codes | • CT testing incr by 23%  
• CT Diagnosis rates incr by 79%  
• PID rates DECR from 823 cases/100,000 py ('97) to 473 cases ('07)  
• EP rates UNCHANGED | Coding data | Fair-good |
| Bender Sex Transm Inf 2011 | Retrospective analysis | Australia, Denmark, Netherlands, New Zealand, Sweden, Switzerland National datasets 1998-2008 | CT screening | PID ECTOPIC PREG INFERTILITY | Incr CT screening rates assoc with;  
decri PID rates in Denmark and Sweden  
Decr EP rates in Denmark, New Zealand, Sweden | Inpatient data for PID and EP  
Coding data in different countries | Fair |
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| Owusu-Edusei - Am J Prev Med 2010 | Retrospective analysis | MarketScan Database-Employer-sponsored health insurance- 207,695 women 15-39 yo 2001-2006 | CT screening | PID | • CT screening increased by 133%  
• GC screening increased by 160%  
• PID rates decreased by 50%  
• Increase in CT Screening associated with decr PID 4 months later | Medical claims data 6 year data | Fair |
| Trent - Arch Ped Adol Med 2008 | Prospective longitudinal | Baltimore, MD Adolescents Dx with acute PID | PID | Recurrent PID 48 month follow-up | Recurrent PID: 44%  
CT+: 67%  
GC+: 11% | ICD-9 coding Medical record abstraction Single hospital | Fair |