

Supporting table 1 Basic study characteristics of excluded cohort studies

| First author | Year | Country | Data period | Research Type | Reasons For Excluding | NOS score |
|--------------|------|---------|-------------|---------------|-------------------------------------------------|-----------|
| Maxwell JE | 2016 | America | 1999-2014 | Cohort Study | Lack of intact data | 4 |
| Bertani E | 2015 | Italy | 1996-2011 | Cohort Study | lack of intact data of pancreatic tumors | 3 |
| Du S | 2015 | China | 2004-2014 | Cohort Study | Few cases | 4 |
| Krausch M | 2014 | German | 2006-2012 | Cohort Study | Comparability does not meet current target | 3 |
| Poultides GA | 2012 | America | 1998-2009 | Cohort Study | Comparability does not meet current target | 3 |
| De Jong MC | 2010 | America | 1970-2008 | Cohort Study | Comparability does not meet current target | 4 |
| Mayo SC | 2010 | America | 1985-2005 | Cohort Study | No selection of controls on the basis of design | 4 |
| Elias D | 2009 | France | 2002-2007 | Cohort Study | No selection of controls on the basis of design | 5 |
| Elias D | 2003 | France | 1985-2000 | Cohort Study | No selection of controls on the basis of design | 4 |
| Yao KA | 2001 | America | 1992-2000 | Cohort Study | Lack of intact data | 4 |