Table 1. Summary characteristics of included studies.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author** | **Year** | **Country** | **Study design** | **Sites** | **Recruitment Dates** | **Number Included** | **Number had EUS** | **Number had PET-CT** | **Age** | **Male**  (%) | **Adenocarcinoma (%)** | **Outcomes** |
| Araujo et al [38] | 2013 | France | Retrospective observational cross-sectional | 1 | 2009-2012 | 154 | 113 | NR | Mean (range)  65.9 (30-88) | 71 (62.8) | 113 (100.0) | Change in management |
| Das et al [39] | 2006 | USA | Retrospective observational cohort | SEER database | 1994-1999 | 2830 | 303 | NR | Median (range)  73 (69-78) | 1966 (69.5) | 1462 (51.7) | 1) Change in management  2) Overall survival |
| Findlay et al [40] | 2015 | England | Retrospective observational cohort | 4 | 2006-2014 | 953 | 798 | 918 | Median (range)  Development: 66 (29-88)  Validation: 68 (40-80) | 714 (74.9) | 743 (78.0) | Change in management |
| Gheorghe et al [41] | 2006 | Romania | Retrospective observational cohort | 1 | 2001-2006 | 220 | 41 | 0 | Mean (range)  61 (36-70) | \* 38 (92.7) | NR | Change in management |
| Gines et al [42] | 2008 | USA | Simulation study | 1 | 1999-2001 | 50 | 50 | NR | Mean (SD)  64 (11) | 45 (90.0) | NR | Change in management |
| Hulshoff et al [43] | 2017 | The Netherlands | Retrospective observational cohort | 1 | 2009-2015 | 318 | 279 | 318 | Median (IQR)  65 (59-70) | 248 (78.0) | 250 (78.6) | Change in management |
| Marsman et al [44] | 2006 | The Netherlands | Retrospective observational cohort | 2 | 2000-2002 | 48 | 48 | 0 | Mean (SD)  63 (11) | 38 (79.2) | 43 (89.6) | Change in management |
| Moorjani et al [45] | 2007 | England | Retrospective observational cohort | 1 | 2002-2004 | 50 | 50 | 0 | Mean (range)  66.4 (37-85) | 38 (76.0) | 35 (70.0) | Change in management |
| Morris et al [46] | 2009 | Scotland | Retrospective observational cohort | 1 | 2003-2006 | 42 | 42 | 0 | Mean (range)  62.2 (40-84) | 32 (76.2) | 26 (61.9) | 1) Change in management  2) Overall survival |
| Pfau et al [47] | 2007 | USA | Retrospective observational cohort | 1 | 2001-2005 | 56 | 56 | 56 | Mean (range)  64.8 (42-89) | 49 (87.5) | 44 (78.6) | Change in management |
| Pouw et al [48] | 2011 | The Netherlands | Retrospective observational cohort | 1 | 2001-2007 | 131 | 131 | 0 | Mean (SD)  66 (13) | 98 (86.7) | 121 (92.4) | 1) Change in management  2) Recurrence |
| Radlinski et al [49] | 2020 | USA | Simulation study | 1 | 2013-2017 | 50 | 50 | 50 | Mean  64.94 | 44 (88.0) | 39 (78.0) | Change in management |
| Russell et al [50] | 2013 | UK | Multi-centre, randomised trial | 8 | 2005-2008 | 213 | 107 | NR | Mean (SD)  64.4 (10) | 165 (77.5) | 173 (81.2) | 1) Change in management  2) Quality-adjusted survival |
| Schrager et al [51] | 2005 | USA | Retrospective observational cohort | 1 | 1993-2003 | 97 | 25 | 0 | Mean (SD)  66 (10) | NR | 56 (57.7) | Overall survival |
| Shami et al [52] | 2006 | USA | Retrospective observational cohort | 1 | 2002-2004 | 25 | 25 | 0 | Mean (range)  70 (49-85) | 21 (84.0) | 13 (52.0) | Change in management |
| Shimodaira et al [53] | 2017 | USA | Retrospective observational cohort | 1 | 2010-2014 | 133 | 133 | 133 | Median (range)  64 (32-84) | 119 (89.5) | 126 (94.7) | 1) Change in management  2) Recurrence  3) Overall survival |
| Subasinghe & Samarasekera [54] | 2010 | Sri Lanka | Retrospective observational cohort | 1 | NR | 30 | 30 | 0 | Mean (range)  58.2 (45-84) | 16 (53.3) | NR | Change in management |
| Wani et al [55] | 2015 | USA | Retrospective observational cohort | SEER database | 1995-2008 | 6436 | 524 | 853 | Mean (SD)  75.9 (7) | 4546 (70.6) | 3526 (54.8) | Overall survival |

NR = not reported; SEER = Surveillance, Epidemiology, and End Results; \* Only EUS group reported