		Risk of Bias				plicab oncer	ility ns			Risk o	of Bias	;	App	olicab	ility ns			Risk o	f Bias	Applicability Concerns			
	Patient Selection	Index Test	Reference Standard	Flow and Timing	Patient Selection	Index Test	Reference Standard		Patient Selection	Index Test	Reference Standard	Flow and Timing	Patient Selection	Index Test	Reference Standard		Patient Selection	Index Test	Reference Standard	Flow and Timing	Patient Selection	Index Test	Reference Standard
Piras, 1978	?	_	?	+	+	+	+	Porcel, 2003	_	_		+	_	+	+	Khan, 2013	+		+	+	+	+	+
Blake, 1982	+	_	?	+	_	+	+	Tahhan, 2003	+	_	+	_	+	+	+	Khow-Ean, 2013	_	-	+	+	_	+	+
Maritz, 1982 Petterson, 1984	+	_	+	+ +	H	+	+	Chen, 2004 Ghanei, 2004	+	_	?	+	+	+	+	Lee, 2013 Sahn, 2013	H	-	+	+	_	+ +	+
Niwa, 1985	_	-	+	_	_	+	+	Poyraz, 2004	?	_	+	+	_	+	+	Tay, 2013	_	-	+	+	+	+	+
Raj, 1985 Sinha, 1987	+	_	+	+	H	+	+	Gaga, 2005 Gao, 2005	\vdash	_	+	+	H	+	+	Wu, 2013 Abrao, 2014	<u>-</u>	-	+	+	+	+ +	+
Strankinga, 1987	+	-	+	-	_	+	+	Moon, 2005	+	-	+	+	+	+	+	Anwar, 2014	+	-	?	+	_	+	+
Teo, 1987 van Keimpema, 1987	+	_	+	+	H	+	+	Okamoto, 2005 Sharma, 2005	+	_	+	+	+	+	+	Kong, 2014 Li, 2014	+	-	+	+	-	+ +	+
Fontan Bueso, 1988	Ė	_	+	+	_	+	+	Tozkoparan, 2005	Ė	_	_	_	Ė	+	+	Liao, 2014	+	-	_	+	_	+	+
Kao, 1988	+	-	+	+	_	-	+	Celik, 2006	?	-	+	+ +	+	+	+	Mehta, 2014	+	-	+ 3	+	+	+ +	+
Kim, 1988 Tamura, 1988	?	_	?	-	H	+	+	Mishra, 2006 Morimoto, 2006	?	_	?	+	+	+	+	Meldau, 2014 Rahim, 2014	+	-	_	+	_	+	_
Gilhotra, 1989	+	-	+	+	_	+	+	Antonangelo, 2007	_	_	_	+	-	+	+	Reis, 2014	+	-	?	+	+	+	+
Hsu, 1989 Moriwaki, 1989	H	_	+	+	+	+	+	Ariga, 2007 Cok, 2007	H	_	+	+	H	+	+	Sanchez-Otero, 2014 Sethi, 2014	?	- +	?	+	+	+ +	+
Segura, 1989	+	-	+	+		+	+	Daniil, 2007	+	_	+	+	+	+	+	Trajman, 2014		-	_		_	+	+
Gourgoulianis, 1990	?	-	+	?	?	+	+	Lamsal, 2007	?	-	+	+	?	+ -	+	Valdes, 2014	_	-	+	+	_	+	+
Gupta, 1990 Banales, 1991	+	_	+	+	+	+	+	Moon, 2007 Neves, 2007	+	_	+	+	+	+	+	Yurt, 2014 Agha, 2015	E	-	+	+	+	+ +	+
Lopez Jimenez, 1991	?	-	?	+	_	+	+	Trajman, 2007	Ξ	_	+	_	=	+	+	Ali, 2015	_	-	+	+	_	+	+
Maartens, 1991 Hara, 1992	+	_	+	+	+	+	+	Xue, 2007 Baba, 2008	-	_	+	+	-	+	+	Arnold, 2015 Behrsin, 2015	+	-	+	+	_	+ +	+
Kaur, 1992	+	_	+	+	-	+	+	Bandyopadhyay, 2008	=	_	?	+	=	+	+	Farhana, 2015	+	-	_	+	+	+	+
Muranishi, 1992	_	-	+	+	_	+	+	Krenke, 2008	_	-	+	+	_	+	+	He, 2015	_	-	+	+	+	+	+
Nagaraja, 1992 Perez-Rodriguez, 1992	+	_	+	+	H	+	+	Verma, 2008 Zaric, 2008	+	_	+	+	+	+	+	Klimiuk, 2015 Koser, 2015	-	-	+	+	+	+ +	+
Prasad, 1992	?	-	+	+		+	+	Chang, 2009	_	_	+	+	+	+	+	Kumar, 2015	+	-	+	+	+	+	+
Hsu, 1993	_	_	+	+	_	+	+	Dheda, 2009	+	+	+	+	+	+	+	Li, 2015	_	-	+	+	+	+	+
Valdes, 1993 Aoki, 1994	+	_	+	+	<u> </u>	+	+	Kupeli, 2009 Valdes, 2009	+	_	?	+	+	+	+	Saiphoklang, 2015 Shu, 2015	-	-	+	+	+	+ +	+
Chiang, 1994	?	_	+	+	_	+	+	Zemlin, 2009	_	_	+	_	_	+	+	Skouras, 2015	_	-	+	+	+	+	+
De Olivera, 1994 Richter, 1994	+	+	+	+	+	+	+	Ciledag, 2010 Gupta, 2010	?	_	+	+	-+	+	+	Tural Onur, 2015 Yoshino, 2015	+	-	+	+	+	+ +	+
Burgess, 1995	+	_	+	+	Ε	+	+	Katiyar, 2010	+	_	+	+	+	+	+	Biswas, 2016	+	-	+	+	_	+	_
Querol, 1995	+	-	+	+	_	+	+	Pandit, 2010	+	_	_	+	+	+	+	Coral-Gudino, 2016	_	-	+	+	_	+	+
Valdes, 1995 Orphanidou, 1996	+	_	+	+	+	+	+	Porcel, 2010 Song, 2010	?	_	+	?	+	+	+	Kim, 2016 Lee, 2016	\vdash	\vdash	+	+	+	+ +	+
Valdes, 1996	+	-	+	+	Ξ	+	+	Valdes, 2010	+	_	+	+	+	+	+	Liu, 2016	+	-	+	+	+	+	+
Villena, 1996	+	-	+	+	<u> -</u>	+	+	Wu, 2010	Ŀ	_	+	+	-+	+	+	Mallik, 2016 Michot, 2016	+	-	-	+	+	+ +	+
Ogawa, 1997 Kuralay, 1998	?	_	+	+	-	+	+	Ambade, 2011 Bhutia, 2011	+	_	?	+	_	+	+	Rahman, 2016	-	-	+	+	+	+	+
Ghelani, 1999	+	-	-	+	_	+	+	Kalantri, 2011	+	-	_	+	_	+	+	Saiphoklang, 2016	+	-	-	+	+	+	+
Perez-Rodriguez, 1999 Riantawan, 1999	+	_	+ ?	+	H	+	+	Liu. 2011 Ogata, 2011	+	_	+	+	H	+	+	Suleman, 2016 Che, 2017	+	-	+	+	+	+ ?	+
San Jose, 1999	+	_	+	+	-	+	+	Yildiz, 2011	Ė	_	+	+	-	+	+	Chung, 2017	+	1-1	+	Ħ	+	+	+
Gorguner, 2000	+	_	+	+	_	+	+	Antonangelo, 2012	_	_	?	+	=	+	+	El Hoshy, 2017	Ε	-	+	+		+	+
Prandaman, 2000 Villegas, 2000	+	_	?	+	H	+	+	Cirak, 2012 Demirer, 2012	?	_	+	+	H	+	+	Kim, 2017 Sivakumar, 2017	H	-	+	?	H	?	+
Nagesh, 2001	+	-	+	+	_	+	+	Devkota, 2012	+	_	_	+	=	+	+	Xu, 2017	+	-	+	+	+	+	+
Reechaipichitkul, 2001 Sharma, 2001	+	_	+	+	+	+	+	Garcia-Zamalloa, 2012 Kashiwabara, 2012	+	_	-	+	-+	+	+	Zhang, 2017	+	-	+	- ?	+	+ +	+
Yamada, 2001	?	_	+	+	一	+	+	Kashiwabara, 2012 Kumar, 2012	+	_	Ε-	+	+	+	\vdash	Blakiston, 2018 Chang, 2018	+	-	+	-	H	+	+
Andreasyan, 2002	+	-	?	+	+	+	+	Pal, 2012	?	_	?	+	三	+	+	He, 2018	Ξ	-	+	_	+	+	+
Jimenez, 2002 Diacon, 2003	+	_	+	+	+	+	+	Wang, 2012 Kelam, 2013	+	_	+	+	+	+	+	Hong, 2018 Santos, 2018	H	-	+	+	+	+ +	+
Lima, 2003	+	_	<u> </u>	+	+	+	+	Keng, 2013	+	_	+	+	<u> </u>	+	+	Wang, 2018	+	-	+	+	+	+	+
																			+ Lov	v –	High	? Un	clear
Patient selection	on																			-		High	
Index tes																						Unc Low	lear
Reference standa	rd																						
Flow and timir	ng																						
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Applicability concerns (%)

Risk of bias (%)