

Appendix A. List of studies that test the sensitivities and specificities of pediatric vision screening instruments compared to the criterion standard confirmatory examination.

Last name of first author	Location	Year	Journal	Comparison	Age of Children	Referral Criteria
Yakar	Brazil	2020	Arq. Bras. Oftalmol.	spot vs standard autorefractor	3-10 yrs	AAPOS 2013
Forcina	US	2017	AJO	spot	6-35mo	AAPOS 2013
Petersheim	US	2014	JAAPOS	spot	11-221	AAPOS 2013, v.1.1..., v.2.0.16
Srinivasan	US	2019	JAAPOS	spot	6-36 mo	AAPOS 2013 (also study specific)
Silbert	US	2014	JAAPOS	spot	1-6y	AAPOS 2013, version1.03
Mendez	Costa Rica	2015	JAAPOS	spot	20-119	AAPOS 2013
Nishimura	Canada	2019	BMC	spot vs Plusoptix vs PVS	3-6y	AAPOS 2013
Arnold	US	2013	JAAPOS	iScreen vs Plusoptix vs spot vs icheckkids	6-130mo	AAPOS 2003
Zhang	China	2019	OPO	spot vs Plusoptix	<7	AAPOS 2013
Arnold	US	2020	Clic ophth	2WIN vs blinq	median 6.5y	2003 AAPOS
Racano	US	2019	JAAPOS	2WIN vs Plusoptix	mean 37.9m	2013 AAPOS
Arnold	US	2019	AJO	2WIN	median 6y	2003 AAPOS
Kirk	US	2014	JPOS	2WIN vs Plusoptix vs SPOT	1-10y	2WIN
Kirk	US	2014	JPOS	2WIN vs Plusoptix vs SPOT	1-10y	
Nishimura	Canada	2019	BMC	Plusoptix vs spot		AAPOS 2013
Kinori	US	2018	Curr Eye Research	Plusoptix vs retinomax	3-5y	ROC3
Crescioni	US	2015	JAAPOS	Plusoptix vs spot	3-6 grade	AAPOS 2013
Ugurbas	Turkey	2019	BMC	Plusoptix	36mo-11yrs	ROC5
Zhang	China	2019	OPO	Plusoptix vs spot	<7	AAPOS 2013
Silbert	US	2013	JAAPOS	iScreen vs MTI	6mo-17y	AAPOS 2003
Arnold	US	2013	Binocular Vision and Strabology	iScreen vs Plusoptix vs spot		AAPOS 2003
Arnold	US	2013	JAAPOS abstract	iScreen vs Plusoptix vs spot vs icheckkids	6-130mo	AAPOS 2003
Wang	US	2012	JAAPOS abstract	iScreen vs Plusoptix	5mo-13y	AAPOS 2003
Kerr	US	2011	AOJ	iScreen	2-5y	
Omran	US	2011	Abstract	iScreen		AAPOS 2003
Haschke	US	2018	JPOS	Optec		AAPOS 2013
Law	US	2020	JAAPOS	gocheck	3-48mo	2013 AAPOS, 2017 AAO
Walker	US	2020	JAAPOS	gocheck	6mo-6y	2013 AAPOS
Petersiem	US	2018	AJO	gocheck	6mo-6y	2013 AAPOS
Arnold	US	2020	JPOS	gocheck		2013 AAPOS
Arnold	US	2018	Clinical Ophthalmology	gocheck	1-6y	2013 AAPOS
Arnold	US	2014	JPOS	gocheck vs spot vs Plusoptix vs iScreen	1-12y	2003 AAPOS
Arnold	US	2020	Clic ophth	2WIN vs blinq	median 6.5	2003 AAPOS
Nishimura	Canada	2019	BMC	PVS vs Plusoptix vs PVS	3-6y	manufacturer
Yanni	US	2013	ARVO Abstract	PVS vs SureSight vs Randot	2-6y	manufacturer
Jost	US	2014	JAMA Ophtho	PVS vs SureSight	2-6y	manufacturer
Beauchamp	US	2013	JAAPOS Abstract	PVS vs SureSight	2-6y	manufacturer
Kane	US	2012	JAAPOS	PVS	3-8y	manufacturer
Loudon	US	2011	IOVS	PVS	2-18y	manufacturer