## Question 4(a)

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Author: Allen CW  Year: 2006  ID: 66  Country: Australia  AIM: 1. Estimate the sensitivity, specificity and positive and negative likelihood ratios of the SCQ in identifying ASD from other developmental disorders. 2. Compare the sensitivity and specificity of the SCQ with the predictions of the referrer to see if it added value.	Patient groups: All referrals to CDU aged 2-6 years over a 9 month period. 100 children identified.  CDU is a state wide specialist tertiary referral clinic at The Children's Hospital at Westmead.  Exclusion criteria: Parents who didn't respond.  Demographics: Number: 81 Age: 26-84 months. Ethnicity: Not reported.  Subgroups: Language: Not reported. Gender: -Male 66 (81.48%) Intellectual disability: Not reported Visual impairment: Not reported. Hearing impairment: Not reported. Gestational age: Not reported. Source of referral: Predominantly by	Surveillance tool under investigation:  SCQ: a screening tool for children at high risk of developmental problems Threshold & Data set SCQ has 40 questions. Cut off: 11, >15 Adequately described? Yes. Operator no/experience Parents without experience.  Comparison/Diagnostic Criteria tool:  DSM-IV: CARS, Bayley's scales of infant development II, history/examination, observation, reviews of reports from other professionals who interact with the child and physical examination.  Threshold and Data set Combination of about assessments against DSM-IV criteria. Adequately described? Yes.	Differential diagnosis - ASD Language disorder only Mild/moderate developmental delay only Language disorder and developmental delay other	20/81 (24.7%) 21/81 (25.9%) 7/81 (8.6%) 5/81 (6.2%)	Funding: Not reported.  Limitations: 1. The total sample size is large enough; however, for each age group the sample size is small.  Blinding: Yes. Parents were asked to complete the SCQ prior to their child's appointment. The investigator scoring the SCQ was blinded to the outcome of the multidisciplinary assessment.  Timing of tests: Not reported.  Verification (ref/index test x100) 100%  Also reported: 1. Comparison of referrer and SCQ in prediction of ASD.
referrer to see if it					and SCQ in prediction of
Study design: Uncontrolled observational	services.	MDT			2. Mean SCQ score and developmental level in children with ASD Mild DD (n=6) 14 (SD 3.7)
Consecutive					Mild/Mod DD (n=7) 19

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
recruitment? Yes. Study dates: Not reported					(SD 5.6) Mod DD (n=10) 19 (SD 7.4) Unknown (n=4) 16 (SD 5.4)
					3.Non-ASD diagnoses -language disorder n=20 -mild/mod DD n=21 -language disorder and DD n=7 -other n=5
					Of the 81 responses only 56 were for children referred for ASD so only these are use din the results . We are unable to calculate sensitivity and Specificity for age groups and children with ID
<u>Author:</u> Arvidsson T	Patient groups: 12 children with suspicion of autism (have three or more of	<u>Diagnosis criteria:</u> ICD-10.	<u>Differential diagnosis - autism</u> ADHD	1/12 (8.3%)	Funding: Not reported.
<u>Year:</u> 1997	the ICD-10 symptoms of childhood autism) have been picked out in a regular	<u>Diagnosis assessment:</u> ICD-10, twice parent interviews using both	Conduct disorder Mental retardation	1/12 (8.3%) 1/12 (8.3%) 1/12 (8.3%)	<u>Limitations:</u> 1) Small sample size 2) Potential false negative
<u>ID:</u> 144	examination at well-baby clinic. These 12 children came from an original sample, which consist of	structured and semi- structured techniques, Swedish ADI-R. The final			have not been examined. 3) The diagnostic tool and members of diagnosis
Country: Sweden	all 1941 children born in the years 1988-1991 and living in the community of Molnlycke on	diagnosis was made in case conference.			group were not well reported.
Study design: Uncontrolled observational	the Swedish west coast on 31 Dec, 1994.	-Operator experience: Experienced, a medical practitioner with considerable			Also reported: Of the whole sample (12), 9 children are ASD (75%).
Consecutive	Exclusion criteria Not reported.	experience of autism and its spectrum disorders.			

recruitment

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Yes.  Study dates Not reported.  Evidence level: Low.	Demographics: Number:12 (Note: The following data are all of those 9 ASD children since no data for the 3 non-ASD children were reported.)  Age: (Unit: Years) Mean: 5.5 Range: 3-6 Ethnicity: Not reported.	Diagnosis group: Case conference. The members are Not reported.  Inter-rater reliability: Not reported.  Adequately reported: No, the diagnostic tool and members of diagnosis group were not well reported.			
	Intellectual Disability: Not reported Language: Not reported Gender: - Male: 7(58.3%) Visual impairment: Not reported Hearing impairment: Not reported Communication impairment Not reported Gestational age: Not reported Source of referral: Not reported				
Author: Baron-Cohen S  Year: 2000	Patient groups: 32 children who have been identified as high/medium risk of autism in the population screening using CHAT.  The whole screened population	( <b>Note:</b> All the following diagnostic information were found in another paper titled 'Autism Spectrum Disorders at 20 and 42 months of age: stability of clinical and ADI-R diagnosis')	Differential diagnosis - ASD  Language disorder Developmental delay/ learning difficulties Typicvally developing	7/32 (21.88%) 2/32 (6.25%) 3/32 (9.38%)	Funding: SBC, AC and GB from Medical Research Council.  Limitations: 1. Due to limited
Country: U.K  Study design: Uncontrolled	of 17,173 children came from 9 districts in the South East Thames Health Region, U.K. The social class distribution of this population was broadly representative of the U.K.	Diagnosis criteria: Clinical consensus according to ICD-10. (at 42 months)  Diagnosis assessment: Parental interview using the			resources, only half of the medium risk group could be re- screened. And for the 22 children who met the criteria on the second CHAT, 2 of

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
observational	Exclusion criteria	ADI-R, clinical assessment			them did not continue
	Children with profound	using a structured schedule			to participate in the
<u>Consecutive</u>	developmental delay, gross	of elicited child-investigator			project.
<u>recruitment</u>	physical disability, or those	interaction, psychometric			
No.	already recognised as having a	assessment using the			
	mental handicap were excluded	Griffiths scale of infant			Also reported:
Study dates	from the screening sample.	development or Leiter			Of the whole sample (32),
Not reported.		international performance			20 children are ASD
	Demographics:	scale, and language			(62.5%), which including
Evidence level:	Number:32	assessment using the Reynell			10 (31.25%) childhood
Low.	Age: (Unit: Months)	developmental language			autism and 10 (31.25%)
	Mean: 18.7 ± 1.1	scales. The same			PDD-NOS.
	Ethnicity: Not reported	assessment procedure was			
	0.1	repeated at 42 months. And			
	Subgroups:	at 42 months all children were			
	Intellectual Disability: Not	assigned ICD-10 diagnoses.			
	reported	On a rate r averagion and			
	Language: Not reported	-Operator experience:			
	Gender: - Male: 9016 (52.5%)	Experienced.			
	Visual impairment: Not reported Hearing impairment: Not				
	reported	Diagnosis group:			
	Communication impairment Not	Three experienced clinicians.			
	reported	Three experienced clinicians.			
	Gestational age: Not reported	Inter-rater reliability:			
	Source of referral: Not reported	Not reported.			
	Source of referral. Not reported	Not reported.			
		Adequately reported:			
		Yes.			
A41. a.v.	Detient groups	Diamagia sultania:	Differential diamentia. ACC	5	From alice are
Author:	Patient groups:	Diagnosis criteria:	<u> Differential diagnosis - ASI</u>	<u>J</u>	Funding:
Barrett S	37 children who all showed	DSM-IV		45/07 (40 50()	Not reported.
Voor.	some autistic features and be	Diagnasia assassment	Language disorder	15/37 (40.5%)	Limitations
<u>Year:</u> 2004	referred to the Royal Children's	<u>Diagnosis assessment:</u> No specific assessment used			Limitations:
200 <del>4</del>	hospital autism assessment	in the diagnostic procedure			Small sample size     The diagnostic
ID.	program.	was reported.			<ol><li>The diagnostic procedure of referred</li></ol>
ID: <sup>137</sup>	Exclusion criteria	Diagnoses of language			children is not adequately
	(For STAT database)	disorder are made on the			described, and the author
Country:	- Children with severe sensory	basis of evidence of			also states 'Diagnosis is
oounu y.	- Officien with severe sensory	Dasis Of Evidence Of			also states Diagnosis is
<u>y</u> -	22.0 22.2.2 23.10019				

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Australia	or motor impairments	communication impairments,			never infallible. The
	<ul> <li>Children have been identified</li> </ul>	the exclusion of other			difficulty is particularly
Study design:	genetic or metabolic disorders	diagnoses, and speech			acute with children who
Uncontrolled	<ul> <li>No parental permission to use</li> </ul>	pathologists' formal and			may be on the boundary
observational	data.	informal assessment of the			of overlapping conditions.'
		child's receptive language			
Consecutive	<u>Demographics:</u>	abilities, language structure,			Also reported:
recruitment	Number:37	and use of language in			Of the whole sample (37),
Not reported.	Age: (Unit: Years)	conversations.			22 children are ASD
Study dates	Mean: 5.5 Range: 4-7.9	Operator evacrience			(59.5%), which include
Study dates Not reported.	Kange. 4-7.9	<ul><li>-Operator experience:</li><li>Not reported.</li></ul>			20(54.1%) autistic disorder patients and 2
Not reported.	Ethnicity: N (%)	Not reported.			(5.4%) PDD-NOS
Evidence level:	Not reported.	Diagnosis group:			patients.
Low.	Not reported.	Expert multidisciplinary			patients.
Low.	Subgroups:	autism assessment teams			
	Intellectual Disability:	(Paediatrician, psychologist			
	Mean: 84 SD:14.2	and speech pathologist)			
	Language:	Inter-rater reliability:			
	Not reported	Not reported.			
	Gender: )				
	- Male: 32(86.49%)	Adequately reported:			
	- Female: 5(13.51%)	No, because the specific			
	Visual impairment:	assessments of ASD and LD			
	Not reported	used in the diagnostic			
	Hearing impairment:	procedure were Not reported.			
	Not reported				
	Communication impairment				
	All participants spoke in short				
	phrases or sentences, except				
	for one boy.				
	Verbal IQ: Mean: 79 SD:14.9				
	Gestational age: Not reported				
	Source of referral:				
	Not reported.				
	·			_	
Author:	Patient groups:	Surveillance tool under	<u> Differential diagnosis - AS</u>	<u>SD</u>	<u>Funding:</u>

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Corsello A	590 children between 2 and 16	investigation 1:	Communication disorder	36/590 (6.1%)	National institute of
	years who were consecutive	•SCQ <sup>™</sup>	ADHD	30/590 (5.1%)	Mental health. Grants:
Year:	referrals to two university-based	Threshold & Data set	Mental retardation	26/590 (4.4%)	R01 MH 066496 and R01
2007	clinics specializing in children	40 item questionnaire.	Down syndrome	18/590 (3.1%)	MH46865 to Dr Lord.
	with possible ASDs and/or were	Cut-off >=15 or 12	Foetal alcohol syndrome	18/590 (3.1%)	
<u>ID:</u> 73	participants in research within	Adequately described?	Mood / anxiety disorder	12/590 (2.0%)	<u>Limitations:</u>
73	the autism centres.	Yes	Other Psychiatric / development		<ol> <li>Unsure is all sample</li> </ol>
		Operator no/experience	disorders	11/590 (1.9%)	were referrals. ("some
Country:	Eventual diagnosis-	Parents with no experience.			participants had been par
U.S.A	ASD: n=438.				of a control group in a
	Non-ASD: n=151				research project")
AIM:		Comparison/Diagnostic			
Investigate how	Exclusion criteria:	Criteria tool:			Blinding:
well the SCQ	Children with missing items that	<ul><li>DSM-IV : IQ, ADI-R and</li></ul>			Yes – parents completed
function as a	would have changed their SCQ	ADOS score, and			the SCQ prior to
clinical screening	classification.	unstructured telephone			diagnostic assessment
instrument in a		teacher interviews			and clinicians were
larger, younger	Demographics:	Threshold and Data set			unaware of the SCQ
American sample	Total sample	Consensus diagnosis by two			scores when performing
of children with	Number=590	examiners over 1-3 hour			diagnostic assessment.
ASD or non-	Age: 2-16 years	sessions and had access to			
spectrum	Ethnicity: 495 Caucasian, 43	all assessment results.			Timing of tests:
disorders.	African-Americans, 48 other	Adequately described?			SCQ completed prior to
	ethnicities and 4 with missing	Yes			the diagnosis.
Study design:	data.	Operator no/experience			
Uncontrolled		Experienced (e.g., a child			Verification (ref/index test
observational	Autism (AD): Number=282	psychiatrist, clinical			<u>x100)</u>
	Age: µ=84.34	psychologist)			100%.
Consecutive	PDD-NOS (PD):				
recruitment?	Number=157				Also reported:
Yes	Age: µ=96.09				1) The accuracy of SCQ,
	Non-spectrum (NS):				ADOS, ADI-R in
Study dates:	Number=151				identifying autism, not
Not reported	Age:µ=93.09				only ASD.
Evidence level	Ethnicity:				2) Non-spectrum
Very low	-Caucasian: 495(83.90%)				disorders:
	-African Americans: 43(7.29%)				- communication disorde
	-Other: 48(8.14%)				n=36
	-Missing: 4(0.68%)				- ADHD n=30

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
	Subgroups: Language: Not reported Gender: -Male: 462(78.31%) Intellectual disability: Nonverbal IQ: AD: Mean=68.92 PD: Mean=91.26 NS: Mean=78.44 Verbal IQ: AD: Mean=52.02 PD: Mean=90.01 NS: Mean=78.51 Visual impairment: Not reported Hearing impairment: Not reported Gestational age: Not reported Source of referral: Not reported				- mental retardation n=26 - Down syndrome n=18 - Fetal alcohol syndrome n=18 - mood/anxiety disorder n=12 - other dev/psych disorder n=11  3) Differences in IQ, age, gender and maternal education between groups.
Author: Dietz C  Year: 2006  ID: 145  Country: Netherlands  Study design: Uncontrolled observational  Consecutive recruitment No.  Study dates	Patient groups: 73 children who had positive result in both 4-item and 14-tiem ESAT (Early Screening of Autistic Traits Questionnaire) screening test and are willing to receive further assessment, from the original 31,724 children who visited well-baby clinics and received screening test from Oct, 1999 to Apr, 2002 in the province of Utrecht, the Netherlands.  Also reported: Although attendance of well-baby clinics is not compulsory, most children up to 4 years of age are taken to these clinics. In the first year, attendance is as high as 98%, with an average of 6 visits in the	Diagnosis criteria: DSM-IV; Diagnostic classification of mental health and developmental disorders of infancy and early childhood (1994)  Diagnosis assessment: Screening tool:  4 item ESAT.  Which including 2 items measure play behaviour, one item measures the readability of emotions, and one item about the reaction to sensory stimuli, all of which extracted from the original 14-item ESAT tool.	Differential diagnosis - ASD General mental retardation Language disorder Other DSM-IV (ADHD, reactive attachment disorder, et ac.) Other	13/73 (18%) 18/73 (25%) 11/73 (15%) 13/73 (18%)	Funding: Supported by grants 940-38-045 and 940-38-014 (Chronic Disease Program), by grand 28.3000-2 of the Praeventiefonds-ZONMW by the Netherlands Organisation for Scientific Research, by a grand from the Dutch Ministry of Health, Welfare and Culture, and by grants from Cure Autism Now, and the Korczak Foundation.  Limitations: No data on the falsenegative cases of

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Oct, 1999 to April, 2002	first year.	reported.			reported.
Evidence level:	Exclusion criteria 115 children who tested positive	14-item ESAT.			High drop-out rate.
Very low.	in 4-item ESAT test and 27 children tested positive in both 4-tiem and 14-item ESAT test that have dropped-out of this study.	Be conducted at 14-month follow-up for children who tested positive in 4-item ESAT.  -Operator experience: Experienced. A trained child psychologist			Also reported: Of the whole sample (73), 18 children are ASD (25%).
	<u>Demographics:</u> Number:73 Age: (Unit: Months)	Extensive diagnostic investigations (42 months)			
	Range: 14-15 Ethnicity: Not reported	(for children who tested positive in 14-item ESAT test)			
	Subgroups: Intellectual Disability: Not reported	Standardized parental interview			
	Language: Not reported Gender: Not reported	Developmental history			
	Visual impairment: Not reported	Vineland social-emotional			
	Hearing impairment: Not reported	early childhood scales.			
	Communication impairment Not reported Gestational age: Not reported	Autism diagnostic observation schedule or ADOS-G.			
	Source of referral: 100% from Well-baby Clinics.	Paediatric examination and medical workup			
		Operator experience of all 5: Not reported.			
		Additional investigations:			
		Parent questionnaire			

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
		ASQ(Autism Screening Questionnaire) at 42-month follow-up.			
		CHAT			
		Infant/Toddler checklist for communication and language development			
		Some items of ADI-R			
		Mullen Scales of Early Learning (conducted for 225children (90%), for the remaining 25 children who did not cooperate with MSEL, 19 were given Dutch translation of the Bayley scales; and 6 were given Psycho- educational Profile Revised. Videotaped materials.			
		Re-examinations of cognitive development were made at			
		age 24 months			
		<u>Diagnosis group:</u> Three experienced child psychiatrists.			
		Inter-rater reliability: For the diagnosis of ASD and non-ASD: 92% of 38 cases. For all diagnosis categories:			

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
		79% of 38 cases.			
		Adequately reported: Yes.			
Author: Ehlers S  Year: 1999  ID: 70  Country: Sweden  AIM: To evaluate the ASSQ as a screening instrument and aid for the identification of those behaviourally disturbed children at risk of having ASD.  Study design: Uncontrolled observational  Consecutive recruitment? Yes	Patient groups: Consecutive referrals to neuropsychiatric clinic over 8 months. 110 children with various kinds of behavioural disorders  Exclusion criteria: - moderately and severely retarded children were excluded (as ASSQ not designed to capture characteristics of these children) - mild retardation included.  Demographics: Number: 110 Age: 6-17 year olds Ethnicity: Not reported  Subgroups: Language: Not reported Gender: 87 (79%) boys Intellectual disability: 13 (12%) had mild mental retardation (IQ 50-70) in addition to Dx Visual impairment: Not reported Hearing impairment: Not reported Gestational age: Not reported Source of referral: Not reported	Surveillance tool under investigation:  • ASSQ Threshold & Data set Completed twice, once at time 1 during visit to clinic, and once 2 weeks later (via mail) Adequately described? Yes Operator no/experience Parent (n=110) questionnaire, thus no experience. If agreed the students teacher (n=107) was also completed ASSQ  Comparison/Diagnostic Criteria tool: • DSM-IV: 2 hours with psychologist, extensive history. Threshold and Data set Consensus diagnosis Adequately described? Yes Operator no/experience Psychiatrist / Case conference	Attention-deficit and disruptive behavioural disorders Learning disorders	58/110 (52.7%) 31/110 (28.2%)	Funding: Grants from Wilheim and Martina Lundren Foundation, and the RBU Foundation, the Sven Jerring Foundation and the Clas Groschinsky memorial Foundation and the Swedish medical Research council.  Limitations: 1. Population only includes patients with behavioural problems and does not specify what problems. 2. Does not define moderate / severe mental retardation. 3. Decreased response rate for time 2 questionnaire (via mail)  Blinding: Not reported  Timing of tests: ASSQ completed during time 1, prior to diagnostic evaluation
Study dates: 8 months					Verification (ref/index test

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
					<u>x100)</u> 100%
					Also reported: Teachers tended to score 2 points higher than parents.
<u>Author:</u> Gray KM	Patient groups: Referrals of children aged 18-48	Surveillance tool under investigation:	Differential diagnosis - ASD		
Year:	months with or suspected of developmental delay for	DBC-ES: aims to differentiate children with	Developmental delay Mixed receptive-expressive		
2008	evaluation for autism.	DD+autism from DD-autism. Threshold & Data set	language disorder		
<u>ID:</u> 67	N = 207	DBC-ES is 17 items from DBC-P. Each item rated on 0-		1/207 (0.5%) 1/207 (0.5%)	
	Exclusion criteria:	2 scale.	Otner	1/207 (0.5%)	
Country:	Nil reported	Cut-off: ≥11			
Australia	·	Adequately described?			
	Demographics:	Yes			
AIM:	Total sample	Operator no/experience			
To evaluate the	Number: 207	DBC-ES completed by parent			
screening	Age: 20.5 – 51.3 months (mean	(no experience)			
properties of the DBC-ES in a	38.3mo SD 7.00) Ethnicity: Not reported	Comparison/Diagnostic			
community	Gender: 83.1% male	Criteria tool:			
sample of very	Gender: 65.1 % male	•DSM-IV: information derived			
young children	PDD Diagnosis	from ADI, ADOS, PEP-			
with suspected	Number: 142	R/WPPSI-III, RDLS, VABS,			
developmental	- 110 autistic disorder	DBC-P.			
delay	- 23 PDD-NOS	Threshold and Data set			
	Age: 22.2 – 50.6 months (mean	Consensus diagnoses			
Study design:	37.8mo SD 6.8)	between 2 physicians.			
Uncontrolled	Ethnicity: not stated	Adequately described?			
observational	Gender: 86.6% male	Yes			
Consecutive	No PDD Diagnosis	Operator no/experience Physicians - experienced			
recruitment?	Number: 65	i ilysiolalis - expelieliced			
yes	- 43 developmentally delayed				
<i>y</i>	- 61 had a language delay of				
	3 0 ,				

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Study dates:	more than 6 months				
Not reported.	Age: 20.5-51.3 months (mean 39.4 mo SD 7.4)				
Evidence level:	Ethnicity: Not reported Gender: 75.9%				
	Subgroups:				
	Language: Not reported Intellectual disability: 99 (69%)				
	of the PDD children were below age equivalent 21 months, 15				
	(32%) of the non-PDD group were at this level				
	Visual impairment: Not reported				
	Hearing impairment: Not reported				
	Gestational age: Not reported Source of referral: Early				
	childhood agencies and				
	paediatricians, small number of self referrals.				
Author:	Patient groups:	Diagnosis criteria:	Differential diagnosis - ASI	<u> </u>	Funding:
Honda H	19 children who born in 1988, underwent YACHT-18 (Young	DSM-IV	ADHI	D 5/19 (26.3%)	Supported by grants 940 38-045 and 940-38-014
Year:	autism and other developmental	Diagnosis assessment:	Mental retardation	n 2/19 (10.5%)	(Chronic Disease
2009	disorders check-up tool) at 18 months of age and got positive	<ol> <li>Early screening.</li> <li>Extraction and refinement</li> </ol>	Learning disorder	s 1/19 (5.3%)	Program), by grand 28.3000-2 of the
<u>ID:</u> 142	screen result in the refinement	(E&R) strategy was used,			Praeventiefonds-ZONM
	stage.	which consist of two stages: first comes extraction stage,			by the Netherlands Organisation for Scientif
<u>Country:</u> Japan	Also reported: These 19 children comes from a cohort	which means using YACHT- 18 to flag all children with			Research, by a grand from the Dutch Ministry
Јаран	study of 3,036 children who	even the slightest problem in			Health, Welfare and
Study design: Uncontrolled	were born in 1988 and received the YACHT-18 screening during	order to reduce false			Culture, and by grants from Cure Autism Now,
observational	routine health checkups at the age of 18 months at the	negatives to a minimum; and then is second stage: refinement stage, which aims			and the Korczak Foundation.
Consecutive	Yokohama Aoba PHWC. Of	to reduce false positives as			
<u>recruitment</u>	these, 222 children who had	much as possible. This stage			<u>Limitations:</u>

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
No.  Study dates Oct, 1999 to April, 2002  Evidence level: Very low.	already been diagnosed with some kind of disease or disorder before screening have been excluded.  Exclusion criteria Children who had already been diagnosed with some kind of disease or disorder before screening.  Demographics: Number:19 Age: (Unit: Months) Mean: 18 Ethnicity: Not reported  Subgroups: Intellectual Disability: Not reported Language: Not reported Visual impairment: Not reported Hearing impairment: Not reported Communication impairment Not reported Gestational age: Not reported Source of referral: - GP: 100% from Yokohama Aoba PHWC.	includes follow-up via telephone call, home visit, psychological consultation, weekly group meeting; also includes specialized assessment in 'joint clinic', which consisting of a developmental psychiatrist, a clinical psychologist and a social worker who team up with the public health nurses.  -Operator experience: Experienced for those work in joint clinic, for the others Not reported.  2. Diagnosis stage. Be conducted in Yokohama rehabilitation centre. However, no further information is provided.  -Operator experience: Not reported.  Diagnosis group: The final diagnosis group is Not reported. But members of joint clinic (which refer children to YRC) are reported as one developmental psychiatrist, a clinical psychologist, and a social worker who team up with the public health nurses.  Inter-rater reliability:			<ol> <li>No data on the falsenegative cases of screening tool was reported.</li> <li>High drop-out rate.</li> </ol> Also reported: Of the whole sample (19), 11 children are ASD (57.9%), which include 3(15.8%) Autistic disorder patients and 8 (42.1%) PDD-NOS patients.
		Not reported.			

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
		Adequately reported: Yes for the early screening stage; but not for the final diagnostic stage.			
Author: Harel S Year: 1996	Patient groups: 323 children with speech, language and communication disorders that had been referred to a child development centre from 1984-1988.  Exclusion criteria Children did not contain	Diagnosis criteria: ASD: DSM-IV DLD: Classification of DLD proposed by Rapin and Allen.  Diagnosis assessment: ASD: DSM-IV. DLD: NOT REPORTED	<u>Differential diagnosis - ASE</u> Developmental language disorder	<u>)</u> 294/323 (91%)	Funding: The institute of child development and paediatric neurology, Albert Einstein college of medicine, New York  Limitations: The diagnostic tool is not
<u>Country:</u> U.S.A	sufficient documented information.	-Operator experience: Experienced.			adequately reported.
Study design: Uncontrolled observational  Consecutive recruitment Yes	Children referred for psychomotor delay or mental retardation or non-language-related deficits.	Diagnosis group: DLD: A senior speech and hearing pathologist, who integrated the details of each case file and arrived at the specific conclusions. ASD: NOT REPORTED			Also reported: Of the whole sample (323), 29 children are ASD (9.0%), which include 12 (3.7%) autism patients, 17 (5.3%) other ASD patients.
Study dates Not reported.	<u>Demographics:</u> Number:323 Age: (Unit: Months) Mean:39	Inter-rater reliability: Not reported.			
Evidence level: Very low.	Range: 20-52 Ethnicity: N (%) *Parents Asian or African: 213 (66%) East European: 107(33%) Other: 3(1%)	Adequately reported: No, the assessment tool is not fully reported.			
	Subgroups: Intellectual Disability: N (%) - Yes: 12(3.72%)				

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
	- No: 311(96.28%) Assessment tool: PIQ (Performance IQ of Wechsler preschool and primary scale of intelligence) Language: Not reported Gender: Male: 246(72%) Visual impairment: Not reported Hearing impairment: Not reported Communication impairment Not reported Gestational age: Not reported Source of referral: - GP:100%				
Author: Kamp-Becker I  Year: 2009  ID: 139  Country: Germany  Study design: Uncontrolled observational  Consecutive recruitment Not reported.	Patient groups:  140 children who have been referred for possible autism to Department of child and adolescent psychiatry, Philipps-University Marburg, Germany.  Exclusion criteria Not reported.  Demographics: Number:140 Age: (Unit: Years) Whole group: Range: 6-24 Table 6.1 Age of different patient group Patient No Age Age group (mean) (SD)	Diagnosis criteria: DSM-IV and ICD-10.  Diagnosis assessment: ADOS-G, semi-structured autism specific parent interview using ADI-R, the Vineland adaptive behaviour scales, German version of the Wechsler intelligence scales, WISC-III.  -Operator experience: Experience, trained examiners.  Diagnosis group: Experienced clinicians. For each patent, DSM-IV/ICD-10	Differential diagnosis - ASE ADHD Emotional disorder Receptive speech disorder Schizoid personality disorder Other personality disorder Delay of development Learning disability	18/140 (12.9%) 6/140 (4.3%) 3/140 (2.1%) 3/140 (2.1%) 2/140 (1.4%) 2/140 (1.4%) 2/140 (1.4%)	Funding: German Max Planck association received by H. Remschmidt in 1999.  Limitations: 1) The information of whether the patients have been recruited consecutively and what is the exclusion criteria are Not reported.  Also reported: Of the whole sample (140), 104 children are ASD (74.3%), which include 52 (37.1%) AS patients, 44 (31.4%) high-
Study dates Not reported.  Evidence level:	Asperger 52 11.85 4.40 HFA 44 12.83 5.08 Atypical 8 15.10 3.67 autism Non- 35 12.05 4.29	psychiatric diagnosis had been established by at least two expert clinicians. Inter-rater reliability:			functioning autism patients and 8 (5.7%) PDD-NOS patients.

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Very low.	Ethnicity: N (%) Not reported.  Subgroups: Intellectual Disability: Table 6.2 IQ, VIQ and VIQ of the whole sample  No. Mean SD VIQ 140 107 20.54 PIQ 140 93 18.03 Full 140 101 18.31 IQ  Language: Not reported Gender: Male: 134(95.7%)  Visual impairment: Not reported Hearing impairment: Not reported Communication impairment Not reported Gestational age: Not reported Source of referral: Not reported	For 17 videotaped ADOS-G assessments, the kappa values ranged from 0.42 to 1.0, with mean equals to 0.75.  For the autism/non-autism distinction the agreement is 100%.  Adequately reported: Yes.			
Author: Lord  Year: 1995  ID: 108  Country: USA	Patient groups:  34 children referred to MDT developmental disorders clinic. All had delayed speech and language. Recruitment of children under age 3 sought through letters and presentations at meetings from usual sources of referral inc paediatricians, pediatric neurologists, family doctors,	Diagnostic tool /method ADI-R  Threshold & Data set Le Couteur, 1994 Child had to receive scores that exceeded cut-offs in each of 3 areas: social interaction, communication and restricted, repetitive behaviours	<u>Differential diagnosis - autism</u> Rett syndrome Spastic diplegia + severe mental retardation	3/30 (10.0%) 1/30 (3.3%)	Funding: Alberta Heritage fund for Medical Research and PHS. Limitations: Small study size, no exploration of possible confounders such as other features of the children or parent

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Study design: Uncontrolled	speech pathologists and audiologists, encouraged to	Adequately described?			reporting ability
		Adequately described? Yes  Operator no/experience  One of 2 examiners who had previously established reliability (item by kappa >0.75, %agreement >90) with each other and several authors of the ADI At time 2 ADI administered by 1 of 2 research assistants, both not familiar with child			Blinding: examination by psychiatrist blind to initial assessment diagnosis compared to time 2diagnosis by author who conducted time 1 and time 2 assessments Author making clinical judgment at T1 and T2 blind to ADI-R score  Timing of tests: Time 1 25-35 months time 2 12-15 months later  Verification (percentage undergoing assessment at both time points) 100%  Also reported:  Child psychiatrist and author agreed about T2 diagnosis in 29 of 30 cases. Child psych judgements are used as T2 outcomes

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Author: Perry A  Year: 2005  ID: 138  Country: Canada  AIM: 'what is the degree and pattern of concordance between DSM-IV and CARS'  Study design: Uncontrolled observational  Consecutive recruitment? No  Study dates: Not reported  Evidence level: Very low	Patient groups: Preschool children referred for initial developmental-diagnostic assessment or second opinion.  Exclusion criteria: None reported  Demographics: Number: 274  Age: Mean = 51.1 ± 11.0 months Range = 24 – 72 months Ethnicity: Not reported  Subgroups: Language: 18% from French speaking families Gender: 75% male Intellectual disability: Not reported Visual impairment: Not reported Hearing impairment: Not reported Gestational age: Not reported Source of referral: Not reported	Diagnostic tool under investigation: 1 CARS Standardized observation instrument which can incorporate parent report. 15 items in 4 domains, socialization, communication, emotional response, sensory sensitivities.  Threshold & Data set Scores >30 is taken as indicative of Autism  Adequately described? Yes  Operator no/experience Trained raters	Differential diagnosis - ASD Mental retardation Language delays only or 'slow learners' Other	45/274 (16.4%) 42/274 (15.3%) 23/274 (8.4%)	Funding: Ontario Ministry of Children and Youth Services  Limitations: Serious  Blinding: No, same clinician used CARS and made DSM-IV diagnosis  Timing of tests: CARS carried out before DSM-IV  Verification (ref/index test x100) CARS: 100%  Indirectness: Some – no data on patient relevant outcomes  Test carried out on an appropriate Population: Yes  Test carried out by an appropriate professional: Yes
Author: Rellini E Year: 2004 ID: 141 Country: Italy AIM: "to verify agreement	Patient groups: Children referred for disturbances related to autistic spectrum disorders  Exclusion criteria: None reported  Demographics: Number: 65 Age:	Diagnostic tool under investigation: 1 CARS Standardized observation instrument which can incorporate parent report. 15 items in 4 domains, socialization, communication, emotional response, sensory sensitivities.	<u>Differential diagnosis - ASD</u> ADHD R/E language disorder	1/65 (1.5%) 1/65 (1.5%)	Test carried out by an appropriate professional: Yes

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
between DSM-IV diagnostic criteria and total scores for CARS and ABC in the diagnosis of autism and to study the correlation between the two diagnostic scales'  Study design: Uncontrolled observational	Mean = 4.9 + 2.2 years Range = 1.5 – 11 years Ethnicity: Not reported  Subgroups: Language: Not reported Gender: 89% male Intellectual disability: Not reported Visual impairment: Not reported Hearing impairment: Not reported Gestational age: Not reported Source of referral: Not reported	Threshold & Data set Scores >30 is taken as indicative of Autism  Adequately described? Yes  Operator no/experience Not reported			
Consecutive recruitment? Not reported					
<u>Study dates:</u> 1998 - 2000					
Evidence level: Very low					
Author: Snow A	Patient groups: Consecutive referrals for possible PDDs at a specialty	Surveillance tool under investigation:	<u>Differential diagnosis - ASD</u> Receptive/expressive language disorder	13/82 (15.85%)	Funding: Not stated.
<u>Year:</u> 2008	clinic in a large Midwestern hospital. N=82	<ul> <li>MCHAT For children between 18 and 48 months (n=56).</li> </ul>	Global developmental delay Developmental language delay apraxia	3/82 (3.66%) 3/82 (3.66%) 2/82 (2.44%)	<u>Limitations:</u> Groups were not matched for cognitive or adaptive
<u>ID:</u> 74	Exclusion criteria: Nil stated.	Threshold & Data set - any 3 of all 23 items - ≥2 of 6 critical items	Oppositional defiant disorder Communication disorder NOS Selective mutism	2/82 (2.44%) 1/82 (1.22%) 1/82 (1.22%)	functioning.  Only assessing younger
<u>Country:</u> USA	<u>Demographics:</u> <u>Whole group</u> Number: 82	Adequately described? Yes Operator no/experience	Disruptive behaviour disorder  NOS  Reactive attachment disorder	1/82 (1.22%) 1/82 (1.22%) 1/82 (1.22%)	children who are referred for assessment may create sampling bias,
AIM: 1) To assess and	Age: mean age 42.7 months (SD 14.1, range 18-70)	Parent/carer questionnaire	Cerebral palsy/metabolic disorder	1/82 (1.22%)	these children may have more severe symptoms as

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
compare the sensitivity and	Ethnicity: 87% Caucasian, 6% African American, 7% other (eg;	•SCQ For children between 30 and 70 months (n=65)			presenting earlier.
specificity of M-	Hispanic, Asian-American)	Threshold & Data set			Blinding:
CHAT and SCQ	DDD <sup>2</sup>	40 items, verbal children			Parents and clinicians
2) assess the	PDD <sup>2</sup> group Number: 54	score 0-39, non verbal children scored 0-33. Cut off			were blind to the child's scores on the M-CHAT
agreement of both tools and	Age: mean age 39.2 months	>15 for PDDs.			and SCQ.
their reliability	(SD 12.3)	Adequately described?			and ood.
3) determine	Ethnicity: 42 (82%) Caucasian	Yes			Timing of tests:
which M-CHAT	, ,	Operator no/experience			Index test done prior to
and SCQ items	Non-PDD group	Parent/carer questionnaire			reference test.
best differentiate	Number: 28				
PDDs from DDs	Age: mean age 49.5 months	Informants:			Verification (ref/index test
4) explore the	(SD 15.1) Ethnicity: 20 (87%) Caucasian	PDD group – 41 mothers, 12			<u>x100)</u> 100%
impact of subject characteristics on	Ethnicity. 20 (87%) Caucasian	fathers and one guardian. μ age 33.3 years (SD 5.4). 34			100%
scores of both	Diagnoses:	(63%) graduated from			Also reported:
instruments	Receptive/expressive language	college.			Comparison of groups
	disorder (n-13), global				(PDD vs non-PDD): non
Study design:	developmental delay (n=3),	Non-PDD group – 26			PDD group older than
Uncontrolled	developmental language delay	mothers, 1 father and 1			PDD. No difference
observational	(n=3), apraxia (n=2)m	adoptive parent. μ age 31.5			between groups in regard
Canacautius	oppositional defiant disorder	years. 19 (68%) graduated			to cognitive function,
Consecutive recruitment?	(m=2), communication disorder NOS (n=1), selective mutism	from college.			adaptive behaviour score and ethnicity.
Yes	(n=1), disruptive behaviour	Comparison/Diagnostic			and etimicity.
100	disorder NOS (n=1), reactive	Criteria tool:			Demographic form
Study dates:	attachment disorder (n=1),	●DSM-IV: VABS, GARS,			collected information
Not reported	cerebral palsy/metabolic	WPPSI, LIPS-r, ADOS, PDD-			about child and informant.
	disorder (n=1)	BI.			Childs age gender,
Evidence level:		Threshold and Data set			ethnicity, previous
Very low	Subgroups:	Consensus diagnosis by			medical, genetic or
	Language: Not reported Gender: Whole group – 63	multidisciplinary team.			psychiatric diagnosis and psychotropic medicine
	males (77%). PDD group – 44	Adequately described? Yes			use. Informant age,
	males (70%). Non PDD group –	Operator no/experience			relationship to the child,
	19 males (68%).	Multidisciplinary team;			educational level and age
	Intellectual disability: Not	developmental paediatrician,			of first concern about the
		, ,			

<sup>&</sup>lt;sup>2</sup> PDD = includes autism and PDD-NOS

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
	reported Visual impairment: Not reported	speech and language pathologist, psychologist.			child development.
	Hearing impairment: Not reported reported Gestational age: Not reported Source of referral: Not reported	Results of diagnostic assessment were retrieved from patient charts following completion of assessment process.			Overlapping Sample Children in 30-48 month age range correctly classified
		process.			MCHAT critical items - 21/29 (72%) PDD - 5/10 (50%) non PDD - efficiency 0.67 (CI 0.51-0.81)
					MCHAT any 3 items - 24/29 (83%) PDD - 5/10 (50% non PDD - efficiency 0.74 (CI 0.59-0.86)
					SCQ - 21/29 (72%) PDD - 3/10 (30%) non PDD - efficiency 0.62 (CI 0.45- 0.77)
					Internal consistency of MCHAT and SCQ.
					Relationship between total scores and subject characteristics.
<u>Author:</u> Sponheim E	Patient groups: All patients (25) at the national centre for child and adolescent	Diagnosis criteria: ICD-10 and DSM-III-R.	<u>Differential diagnosis - ASD</u> Disintegrative disorder Specific developmental disorder	1/25 (4%)	Funding: National centre for child and adolescent
<u>Year:</u> 1995	psychiatry in Oslo who are suspected of having a	<u>Diagnosis assessment:</u> ICD-10, DSM-III-R, ABC and	of speech Emotional disorder	4/25 (16%)	psychiatry, Oslo, Norway
ID: 143	developmental disorder and autism.	CARSOperator experience:	Mental retardation	5/25 (20%)	<u>Limitations:</u> 1. Small sample size.

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
	Exclusion criteria	Experienced, trained before			
Country:	None.	test was conducted.			
Norway					
	Demographics:	Diagnosis group:			Also reported:
Study design:	Number:25	Two child psychiatrists.			Of the whole sample
Uncontrolled	Age: (Unit: Years)	oa poy oao.o.			8 children are ASD (3
observational	Range: 1.6-17.3	Inter-rater reliability:			which include 7 (28%
observational	Ethnicity: Not reported	Not reported. Only said			
Consecutive	Subgroups:	'consensus between the team			autism patients and 1
recruitment	Intellectual Disability: - Yes:	members'			AS patients.
Yes		members			
res	15(60%)	A -l			
04	Language: Not reported	Adequately reported:			
Study dates	Gender: Male: 21(84%)	Yes.			
Not reported	Visual impairment: Not				
Evidence level:	reported				
Very low.	Hearing impairment: Not				
	reported				
	Communication impairment				
	Not reported				
	Gestational age: Not reported				
	Source of referral: Not				
	reported				
Author:	Patient groups:	Diagnosis criteria:	Differential diagnosis - ASD		Funding:
Scheirs J	Children referred to the child	Expert consensus based on	ADHD	40/115 (34.8%)	Institution for Mental
	and adolescent department of a	DSM-IV-TR diagnostic			Health in Eindhoven
Year:	large outpatient institution for	criteria.			(GGzE).
2009	mental health in the south of the				,
	Nether lands during 2003-2007,	Diagnosis assessment:			Limitations:
ID: 146	for behavioural problems or	Developmental histories of			Retrospective stu
146	psycho-social maladjustment	the children as revealed from			2. The diagnosis
	displayed in school or at home.	clinical interviews with the			assessment used
Country:		parents; observation as well			the study was not
Netherlands	Exclusion criteria	as extended			adequately report
	Not reported.	neuropsychological testing of			adoquatory roport
	Not reported.	the children themselves.			
Study design:		are dimensiones.			Also roperted:
Study design:					Also reported:
Uncontrolled	Domographics	-Onerator evnerience:			
	Demographics:	-Operator experience:			1. Of the whole sam
Uncontrolled	<u>Demographics:</u> Number:115 Age: (Unit: Years)	-Operator experience: Experienced.			(115), 55 children PDD-NOS (47.8%

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
recruitment Not reported.  Study dates Not reported.  Evidence level: Very low	Range: 6-16 Mean: 9.7 ± 2.8 Ethnicity: Not reported Subgroups: Intellectual Disability: PDD-NOS group: Range of FIQ: 66-136 ADHD group: Range of FIQ: 76-123 Combined diagnosis of PDD-NOS and ADHD: Range of FIQ: 76-116 Language: Not reported Gender: Male: 91 (79.1%) Visual impairment: Not reported Hearing impairment: Not reported Communication impairment Not reported	Diagnosis group: Clinical psychologists or youth psychiatrists. Inter-rater reliability: Not reported. Adequately reported: No.			20 children had PDD NOS plus ADHD (17.4%).  2. Children with mental retardation (FIQ<70) were generally not referred to this institution. However, intelligence was not used in any way as a criterion for including cases in this study.
<b>Author:</b> Stone W <b>Year:</b> 2008	Gestational age: Not reported Source of referral: practitioners or youth care organizations.  Patient groups: Children identified through STAT database who: -were at increased risk for autism	Diagnosis criteria: Not reported.  Diagnosis assessment: Not reported.	Differential diagnosis - ASD Developmental delay Language impairment Broad autism phenotype [1] No concerns	6/71 (9%) 1/71 (1%) 8/71 (11%) 37/71 (52%)	Funding: Grant number R01 HD043292 and a NAAR Mentor –Based postdoctoral fellowship.
ID: 147  Country:	- received the STAT between 12 and 23 months (inclusive) of age - received a follow-up assessment after 24 months.	-Operator experience: Not reported.  Diagnosis group:	Note: [1] Broad autism phenotype: Children who did not qualify for any of the diagnoses	3777 (3276)	Partial support was also provided by grant numbe P30 HD15052, T32 HD07226, I32 MH18921, and the Vanderbilt
U.S.A <u>Study design:</u> Uncontrolled observational	Exclusion criteria (For STAT database) - Children with severe sensory or motor impairments - Children have been identified	Experienced, licensed psychologist who were experienced in the diagnosis of young children with autism.  Inter-rater reliability:	of ASD, DD or LI, but for whom there were clinical concerns related to social-communicative functioning.		Kennedy Centre Marino Autism Research Institut  Limitations: 1) Small sample size, woonly 19 ASD patients.

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
Consecutive recruitment Yes.	genetic or metabolic disorders - No parental permission to use data.	Not reported.  Adequately reported:			2) The sample was recruited via university-based medical centre,
Study dates Not reported.	<u>Demographics:</u> Number:71	Yes.			rather than community- based settings.
Evidence level: Very low.	Age: (Unit: Months) Mean: 16.4 ± 3.6 Range: 12-23 Ethnicity: Caucasian: 58(82%) -Others: 13 (18%)  Diagnosis criteria of ASD: DSM-IV-TR				Also reported: Of the whole sample (71), 19 children are ASD (27%), which include 12 (17%) autism patients and 7 (10%) PDD-NOS patients.
	Subgroups: Intellectual Disability: Mean cognitive score (MSEL) at initial evaluation was 95.8 (SD 15.4) Language: Not reported Gender: Male: 44(62%) Visual impairment: Not reported Hearing impairment: Not reported Communication impairment Not reported Gestational age: Not reported Source of referral: -A longitudinal research project enrolling younger siblings of children with ASD: 59 (83.1%) -Children receiving evaluations for developmental concerns related to autism: 12 (16.9%)				
<u>Author:</u> Webb E	Patient groups: Children who have been	<u>Diagnosis criteria:</u> ICD-10 diagnostic criteria.	<u>Differential diagnosis - ASD</u> Abuse/neglect		Funding: Department of
Year:	identified as positive in the two- stage screening test. The initial	Diagnosis assessment:	ADHD Learning difficulties	7/50 (14%) 3/50 (6%)	epidemiology, statistics and public health, UWCM;

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
2003	screening test was using a questionnaire based on ICD-10;	For those children whose ASSQ score was greater than	Tourette syndrome Other	2/50 (4%) 12/50 (24%)	Cardiff and Vale NHS Trust.
ID: 148	and the second round screening test was using ASSQ. Children who have failed >=2 domains of	21, their health notes from hospital and community, and their special educational			<u>Limitations:</u> High drop-out rate (10
<u>Country:</u> U.K	ASSQ will be recruited for full assessment.	needs status were reviewed. For some children whose information was insufficient, a			children, 16.67%) of children who have been
Study design: Uncontrolled observational	The whole screened population of 11,692 children were born between 1 Sep 1986 and 31	joint assessment was undertaken by a developmental paediatrician			identified as ASD positive using the two-stage screening test.
Consecutive recruitment No.	Aug, 1990, recruited from 69 primary schools in Cardiff.  Exclusion criteria	and a psychiatrist from the learning disability team. This assessment included a full developmental and family			Also reported:
Study dates Not reported.	Children attending private or special schools.	history and an unstructured diagnostic interview, a process informed by the			Of the whole sample (50), 13 children are ASD (26.0%), which including 8
Evidence level: Very low.	Children who are either unable or unwilling to participate in the project.	paper by Filipek et al. (1999) on the screening and diagnosis of autistic spectrum disorders. If the above			(16%) AS/HFA patients, 4 (8%) PDD-NOS patients and 1(2%) ASD phenol- copy.
	Demographics: Number:50 Age: (Unit: Years) Range: 7-11 Ethnicity: Not reported	assessment was still inconclusive, then a further in-depth assessment will be taken, which included an evaluation of understanding social situations and tests of facial expression.			сору.
	<u>Subgroups:</u> Intellectual Disability: Not reported	-Operator experience: Experienced.			
	Language: Not reported Gender: Male: 44 (88%) Visual impairment: Not reported Hearing impairment: Not	<u>Diagnosis group:</u> Child psychiatrists.			
	reported Communication impairment Not reported	Inter-rater reliability: Not reported.			

Study Details	Patients	Diagnostic information	Differential diagnosis	Result: N(%)	Comments
	Gestational age: Not reported Source of referral: Not reported	Adequately reported: Yes.			