

Qbtech

Innovation through focus on outcomes

Carl Reuterskiöld, CEO

ADHD - An area to be transformed

ADHD is a well documented disorder that affects 5-7% of all children and 2-5% of all adults

- Difficulties to control activity, impulsivity and sustain attention

2 years between initial concern and diagnose – further 2 years to treatment

- Untreated ADHD leads to increased risk of suicides, health issues, criminality, addiction, lower school performance etc

Management of ADHD today in Sweden and Europe is characterised by long lead times, high costs, poor follow-up, low productivity and lack of innovation

Lack of objective data major factor to today's issues

Subjective questions ...

ADHD Rating Scale

Child's Name: _____ Age: _____ Date: _____

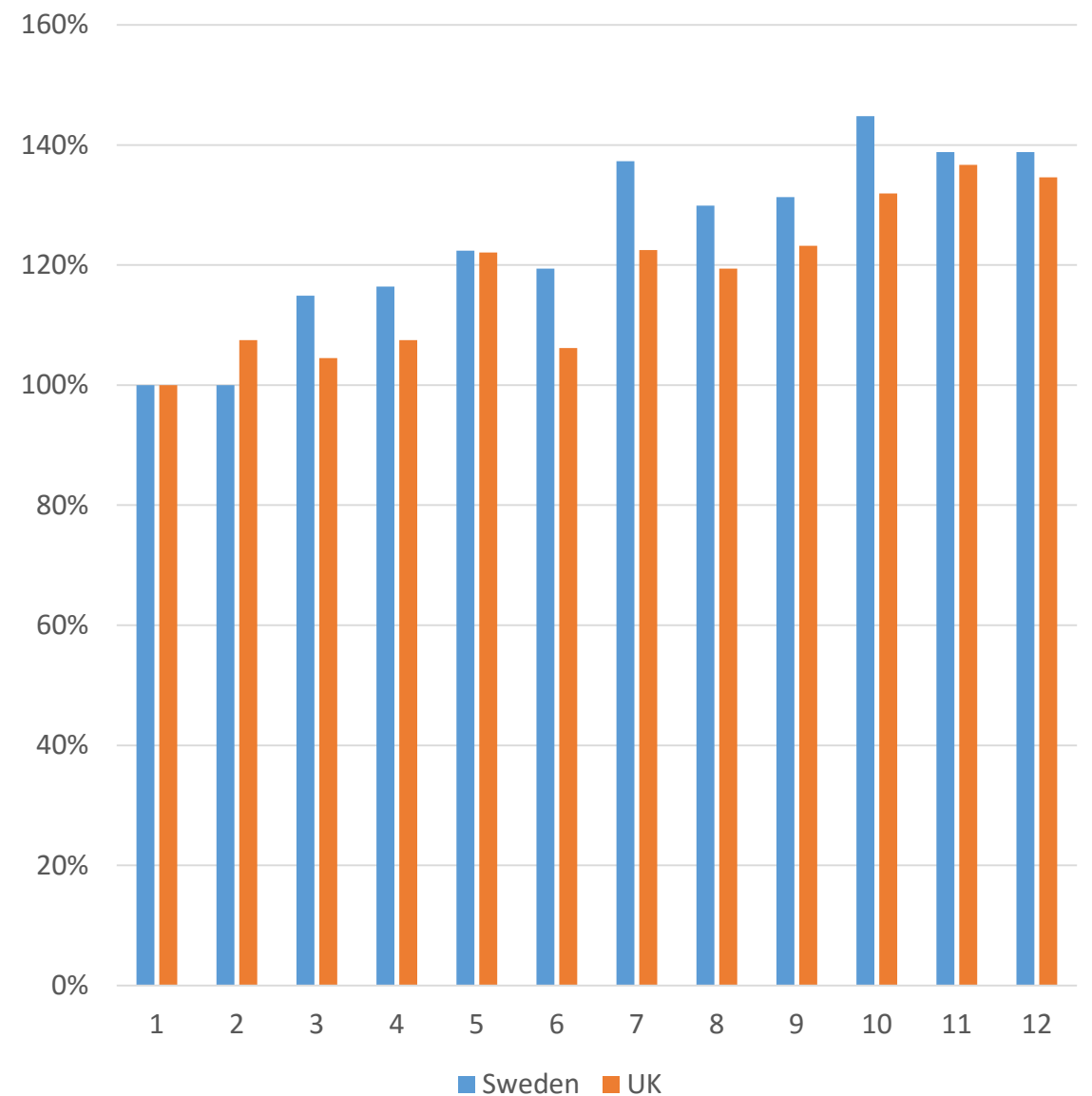
Completed By: _____ Parent _____ Teacher _____ Other _____

For each line below, please put an "x" in the box that best describes the child's behaviour over the last 6 months

	BEHAVIOUR	Always or very often	Often	Somewhat	Rarely or Never
Inattention	Fails to give close attention to details or makes careless mistakes in schoolwork/homework.				
	Has difficulty keeping attention on tasks or play activities.				
	Does not seem to listen when spoken to directly.				
	Does not follow through on instructions and fails to finish schoolwork or chores.				
	Has difficulty organizing tasks and activities.				
	Avoids or strongly dislikes tasks that require sustained mental effort (e.g., homework)				
	Loses things necessary for tasks or activities (e.g., pencils, books, toys, etc).				
	Is easily distracted by outside stimuli.				

..leads to unclear decisions

assessments per month. SE Jan=100%, UK Sep = 100%)



Source: SCB, DN, Qbtech database

QbTest and QbCheck – first FDA cleared ADHD and CE marked tests that objectively measures ADHD symptoms



- QbTest for specialists
 - Assessment and treatment interventions
 - >250 000 patients tested
 - Available in 11 countries
 - 25 ongoing studies at any time
- QbCheck is an online product for GPs, schools etc
 - Simplify decision process for referrals and initial assessments
 - Launched last month

Training, certification and support always included

QbTest – Assessment and treatment (2 h)



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Report generated Thu Mar 03, 2011
Qbtech Sweden
Standard report

Client ID:
AB12QB34 (M)

Clinic ID: 46-1-100

Test Date: DD/MM/YYYY
Test Time: 9:25 am

D.O.B.: DD/MM/YYYY
Age: 7 y. 11 m.

Test N°: 1
BMI: 16.7

Medications

None specified

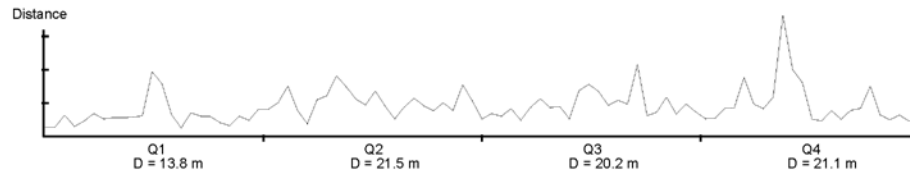
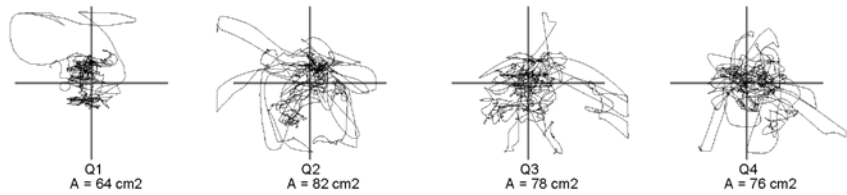
Test Notes

No information

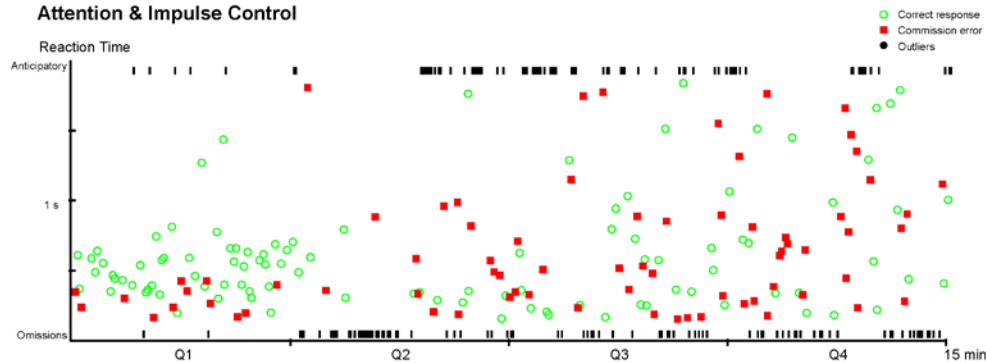
Diagnosis

314.01/F90.0 ADHD Comb Type

Activity



Attention & Impulse Control



Outliers = 0

Activity Measures

Measure	-3	0	+3	Q-score	Percentile
Time Active				1.4	92
Distance				4.7	99
Area				4.2	99
Microevents				2.7	99
Motion simpl.				1.3	91

Attention & Impulse Control Measures

Measure	-3	0	+3	Q-score	Percentile
ReactionTime Var.				5.0	99
Omission Error				1.9	98
Reaction Time				1.3	90
Normalised Var.				3.5	99
Commission				0.9	82
Anticipatory				2.2	99
MultiResponse				2.0	98
Error rate				2.2	99

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Diagnostic and treatment decisions should be made by a qualified professional following a comprehensive evaluation.

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0.0 - 0.0 - 450



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Report generated Thu Mar 03, 2011
Qbtech Sweden
Standard report

Client ID:
AB12QB34 (M)

Clinic ID: 46-1-100

Test Date: DD/MM/YYYY
Test Time: 11:54 am

D.O.B.: DD/MM/YYYY
Age: 7 y. 11 m.

Test N°: 2
BMI: 16.7

Medications

Name Dose Post
Methylphenidate 15.0 mg 2:00

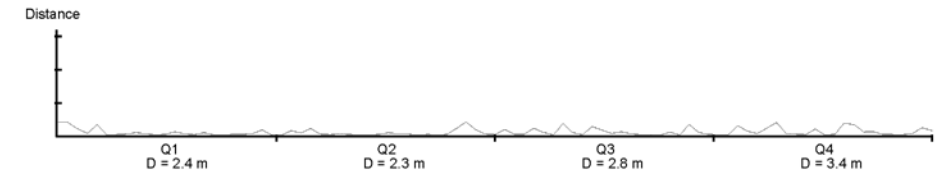
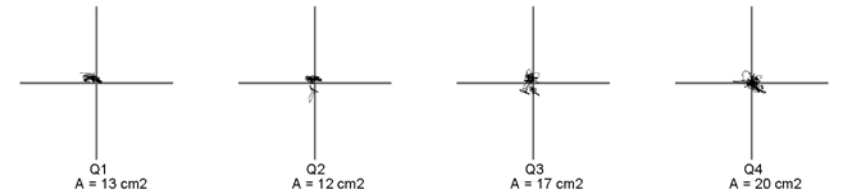
Test Notes

No information

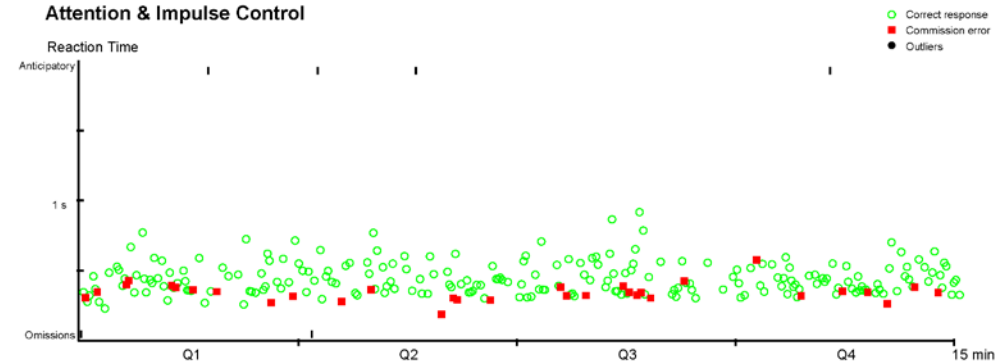
Diagnosis

314.01/F90.0 ADHD Comb Type

Activity



Attention & Impulse Control



Outliers = 0

Activity Measures

Measure	-3	0	+3	Q-score	Percentile
Time Active				-0.6	26
Distance				-0.8	22
Area				-0.7	24
Microevents				-0.7	24
Motion simpl.				-1.0	16

Attention & Impulse Control Measures

Measure	-3	0	+3	Q-score	Percentile
ReactionTime Var.				-2.3	1
Omission Error				-1.6	6
Reaction Time				-0.9	18
Normalised Var.				-1.3	10
Commission				-0.1	45
Anticipatory				0.1	56
MultiResponse				-0.5	33
Error rate				-0.7	24

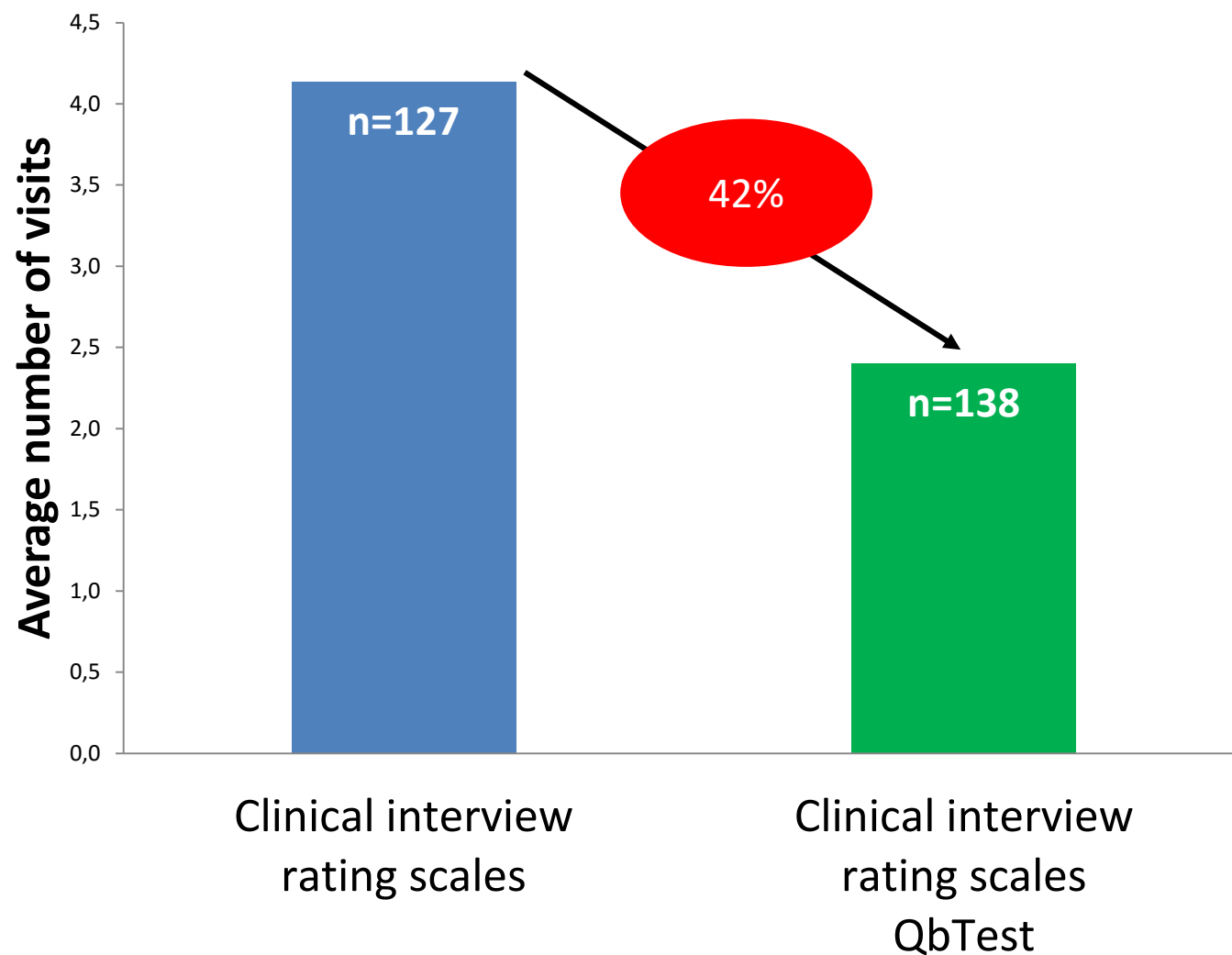
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30-50% reduction of visits in audit studies shortens process with several months



Other documented advantages

- Improved patient value due to improved acceptance and understanding
- Increased clinical accuracy (20-30%)
- Shortened treatment interventions

Medway Maritime Foundation Trust: Community Paediatrics 09/13, Warrington Community Paediatrics 09/13, Blackpool Teaching Hospital NHS Foundation Trust: CAMHS 08/13, Salford CAMHS 01/15, North East London Foundation Trust

Qbtech – a Swedish company with a global potential

- We are proud to be a Swedish company
- Unique opportunity in Sweden to merge IT, consumer, healthcare and medtech to create new world leading companies and solutions
- Significant investments needed – to risk that we need:
 - Clear and fast regulatory process and effective control of products on the market
 - Improved focus to evaluate outcome of new technology in real life
 - Increased flexibility in payments solutions and sources (ex home testing, preventive care etc)