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(Tomic,et.,al.,2009)

(Keegstra,et.,al., 2010)

(Butcher,2003)

(Youri, et., al., 2010)

(Ruotsalainen,2008)

(Lewis,et., al., 2008)



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(Uwiera, et.,al., 2009)

(Himmel,et.,al.2001)

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(Steenstrtent, 2007)

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(Tomic, et, al., 2009)

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(Abdel Aziz ,et., al., 2010)

(Alt,et. al., 2009)

Receptive Language -

Expressive Language -



(vanhoudta,et.,al., 2008)

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		crying stage	-
		Babbling stage	-
		imitation stage	-
.		semantic stage	-
:	:	(Wood,et.,al., 2000)	-
		(Gender)	-
		(Family Factors)	-
		(physical-sensory position)	-



(Learning process) -

(Communication media)

(Ability Intellectual)

(Jones,et.,Al, .2001)

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(lizelotte,2008) :

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(Youri,et., al., 2010)

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(Uwiera, et., al., 2009)

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Mutism

Dyarthria

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(Vanhoudta, et.,al., 2008)

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Substitution: -

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(Vanhoudta, et.,al., 2008)

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Aphonia

Articulation Ssreening
Hearing and Listening Testing

The Articulation Inventory
Stimulability Testing



Deep Testing -
 Phondological Process Analysis -
 Language Testing -٨
 (Keeastral,et.,al., 2010)

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Tomic,et.,al.,2009)

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(Khabori ,2007)

(: Abel,2008)

Niedzieiski, et., al.,)

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(Cruz,et.,al., 2009)

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(Hsien,et.,al., 2009)



(Morita, et.,al., 2010)

(Lieu.,et., al., 2010)

(Lee, et., al., 2007)

(Huston, et., al., 2008)

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(Mckayss,2009)

(Dikkers,2005)

(Uwiera, et.al., 2009)



(Lizelotte,2008)

(Steenstratent,2007)

(Khabori,2007)

Abel, et., al.,)

(2008

(Morita,et.,al., 2010)



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(Picture naming test)

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Abel, et., al., Morita,et.,al., 2010)

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مستوى الدلالة	قيمة ف	متوسط المربعات	درجات الحرية	مجموع المربعات	مصدر التباين
٠.٩٧	٢,٩٧٥	٧,٣١٤	١	٧,٣١٤	المصاحب (القبلي)
٠,٠٠٠	١٧٥,١٢٤	٤٣٠,٤٩٨	١	٤٣٠,٤٩٨	المجموعة
٠,٠٣٢	٥,١٨٨	١٢,٧٥٣	١	١٢,٧٥٣	الجنس
٠,٠١٨	٦,٣٥٨	١٥,٦٢٩	١	١٥,٦٢٩	المجموعة x الجنس
		٢,٤٥٨	٢٥	٦١,٤٥٦	الخطأ
			٢٩	٦٠٧,٥٠٠	المجموع

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(Uwiera, et.al., 2009).(Steenstratent,2007)

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(Abel,2008)



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