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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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(Youri, et., al., 2010)

(Uwiera, et., al., 2009)

Mutism

Dysarthria

Vanhoudt, et.al., 2008)

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: Distortion / .)

)Lisp^{ing} (



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Substitution: -

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: Addition -

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(Vanhoudta, et.,al., 2008)

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Aphonia



Articulation Screening

Hearing and Listening Testing

The Articulation Inventory Stimulability Testing Deep Testing Phonological Process Analysis Language Testing (Keeastral, et., al., 2010)

Tomic, et. al., 2009)



(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)

(Mckayss, 2009)



(Dikkers, 2005)

(Uwiera, et.al., 2009)

(Lizelotte, 2008)

(Steenstraten, 2007)

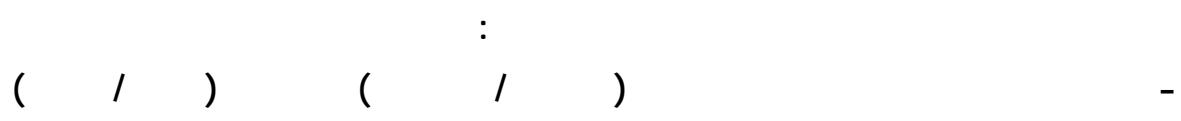
(Khabori, 2007)



Abel, et., al.,)

(2008)

(Morita,et.,al., 2010)



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(ANCOVA)

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(Picture naming test)

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

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الإنحراف المعياري	المتوسط الحسابي	الإنحراف المعياري	المتوسط الحسابي	الإنحراف المعياري	المتوسط الحسابي	
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الكلي			تجريبية			ضابطة			المجموعة الجنس
المتوسط المعدل	الانحراف المعياري	المتوسط الحسابي	المتوسط المعدل	الانحراف المعياري	المتوسط الحسابي	المتوسط المعدل	الانحراف المعياري	المتوسط الحسابي	
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مصدر التبادل	المجموع	متوسط المربعات	درجات الحرية	متوسط المربعات	قيمة ف	مستوى الدلالة
المصاحب (القبلي)	٧,٣١٤	٧,٣١٤	١	٧,٣١٤	٢,٩٧٥	٠,٩٧
المجموعة	٤٣٠,٤٩٨	٤٣٠,٤٩٨	١	٤٣٠,٤٩٨	١٧٥,١٢٤	٠,٠٠٠
الجنس	١٢,٧٥٣	١٢,٧٥٣	١	١٢,٧٥٣	٥,١٨٨	٠,٠٣٢
المجموعة×الجنس	١٥,٦٢٩	١٥,٦٢٩	١	١٥,٦٢٩	٦,٣٥٨	٠,٠١٨
الخطأ	٦١,٤٥٦	٦١,٤٥٦	٢٥	٢,٤٥٨		
المجموع	٦٠٧,٥٠٠	٦٠٧,٥٠٠	٢٩			

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

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(Abel,2008)



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