!"#$%&'()!$*+$,#-!%./0(1$
1#"(.%0%!(!%*2$!"#1('3$4,1!5$
'*-!$)*2)/--%*2$%2$
(6*0#-)#2!-7$($-3-!#&(!%)$
1#,%#8

!"#$%#&'($)#*+,&-./
0#11234&056#$,&-./
73$$(836&-*24#619,&./,&:./,&;5#6%<=361(8(3%&=>($(*#>&-?3*(#>(@1&($&A3B65>5C(*&
.2D@(*#>&/236#?D
E56(&0F&G#>15$,&.2:,&:./,&0-*./,&0.HI@J,&=E/

Objectives

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Background: Concussion

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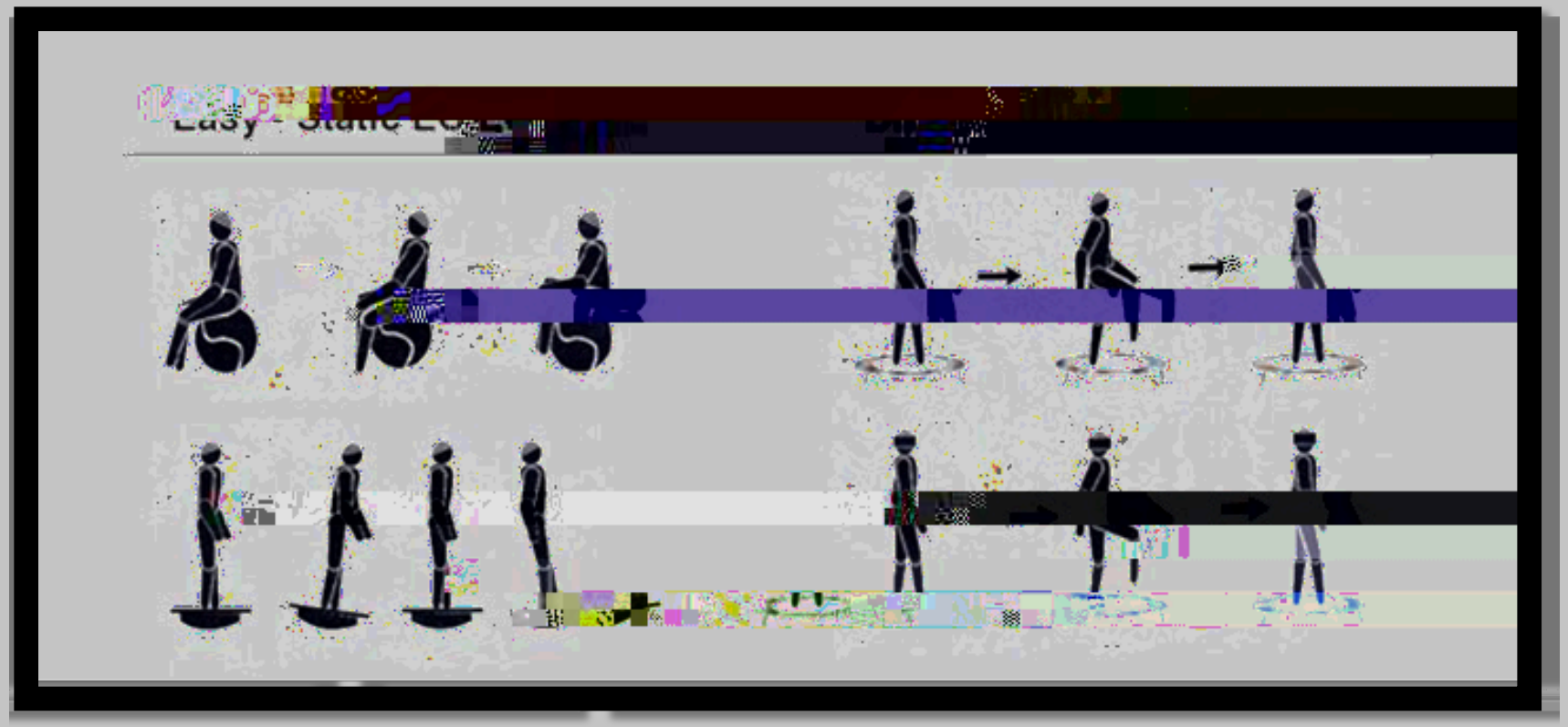
Background: Concussion

Risk Factors[2]	Signs[1,3-5]	Symptoms[1,3-5]
• P e io conc ion • Se • Age • Gene ic • Beha io • Ma ch ac ice • Mechani m of inj • Pla ing o i ion • Pla ing le el • P o ec i e e i men • Bod checking • En i onmen • Bod eigh		

GAZE STABILITY



BALANCE

HABITUATION

Purpose

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Methods: Search Terms

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Methods: Selection Criteria

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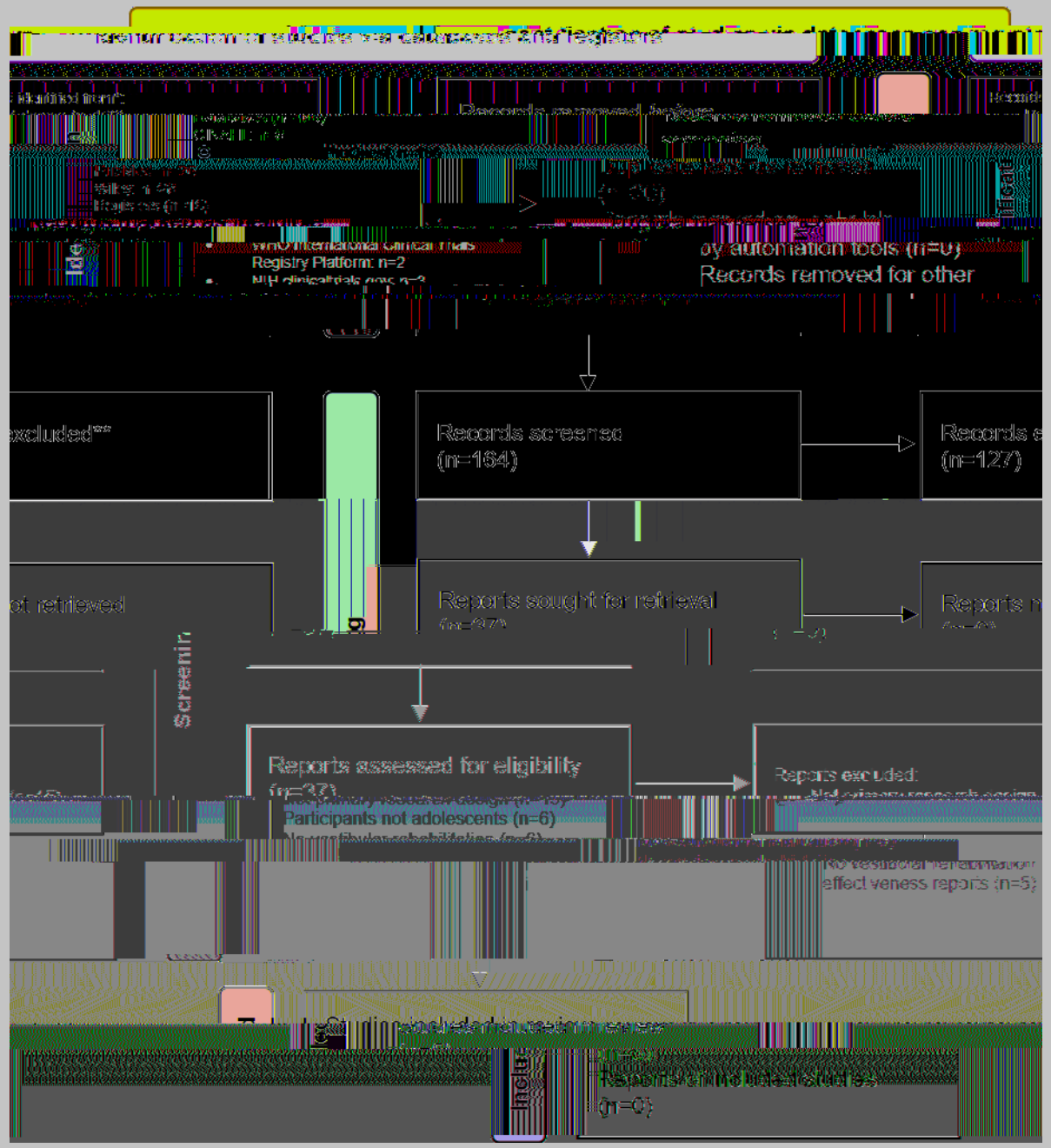
Registry Platform: n=2
Records removed for other
Records screened
(n=164)
Reports sought for retrieval
Reports assessed for eligibility
Participants not adolescents (n=6)

Results

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Results: OCEBM

! "#$%& ' ( ) * ' #$+% , &$+& (%#- . #(%& ' (+ , #/01	2#. #/+3	2#. #/+4	2#. #/+5	2#. #/+6	2#. #/+7
8+0&/ ' %+$%" 9 : +#. ; /" ; %& (<+ % , #+%& = & (<+ ' >+ . #$%&?" / ; -+ % , #- ; 0 : + ; >%#-+$0 ' -%@ -#/ ; %#9+A ' (A" $$& ' ( )+&$+ #; -/&#-+?#%%#-1	! "#$%& ' $()*+%, (% - *. /* +' 01. &(2%1*$+(' 3*. +*04. /45* $+(' 3#	6 ' 01. &(2%1*$+(' 3*. +* . 7#%+, ' $(. 0 ' 3*#$81"* - ($9* 1+ ' & ' $()*%//%)$	B ' (@-; (9 ' = &C#9+ A ' (%- ' //#9+A ' , ' -%D> ' // ' E@ " 0+$%" 9 :	: ' #%4#%+(%#;*) ' #%4) . 0$+. 3	

Results: OCEBM

! "#$%&' () * '#$+%,&$+&(%#-.#(%&'(+ ,#/01	2#.#/+3	2#.#/+4	2#.#/+5	2#.#/+6	2#.#/+7
8+-;(9'=&C#9+A'(%-'//#9+ %-&;/+'>+0-#A&$&'(+ .#$%&?"/;-+-#,;?&/&%;%&'(+ &(+;9'/#$A#(%$+>'//'E&(<+ A'(A"$$&'()+0-#/&=&(;-:+ >&(9&(<$	!"#$%&'$()*+%,(%-*./* +'01.&(2%1*$+('3#*.+*04./4 5*$+('3#	K;(9'=&C#9+%-&;/+'-+ '?$#-.;%&'(;/+$%"9:+E&%,+ 9-;=;%&A+#>>#A%	>.04 +'01.&(2%1).0$+.33%1) .9.+$?/.33.-48@*#$81"	:'#%4#%+(%#;)'#%4).0$+.3#$81(%#;* .+9(#$.+()'33").0$+.33%1 #$81(%#	<%)9'0(#&47'#%1* +%'#.0(0=
G#$%&?"/;-+-#,;?&/&%;%&'(+ &$+;$$'A&;%#9+E&%,+					

Results

Ocular Function	Significant Findings	P Value	MCID
!"#$%&' ( ) *	•		

Results

Conclusion & Clinical Relevance

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Conclusion & Clinical Relevance

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Limitations & Future Research

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Acknowledgements

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References

1. !"#$"%&'()*$&+,-&'&.+#/"012*/&3"#$."",*/&$.1+,&"4&5.*31%1"#&6*%$178,+.&.*9+71,1$+$1"#&1#&+/",*%3*#$%&4"","":1#;&3"#38%%1"#<&5.*,101#+.=&41#/1#;%-&

THANK YOU

Questions?