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Physical Literacy and Obesity: Moving well to move more

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DISCLOSURE

- I have no commercial interests to disclose
- For the PLAY-ME Project:
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OBJECTIVES

- 1. Review the current physical activity recommendations for youth
- 2. Define physical literacy and describe its connection to physical activity and obesity
- 3. Explore how physical literacy assessment, counseling, and referral can be incorporated into the clinical care of youth with obesity



Defining terms: physical activity

- <u>Physical activity</u> is any action that gets a body moving and expending energy above its resting state
- Includes different types of activities:
 - Aerobic
 - Muscle-strengthening
 - Bone-strengthening
 - Flexibility
 - Balance

• Multiple health benefits to all ages

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Physical activity recommendations for youth

 Physical Activity Guidelines for Americans, 2nd edition provides guidance for youth ages 3-17













MIYHS Question	Grade level	2019	2017	Significance Tests
How many days each week do you exercise, dance or play sports for at least an hour? (Percentage of students who answered at least 7 days)	5th/6th grade	23%	28%	\checkmark
60+ minutes of total physical activity daily (Percentage of students who were physically active for a total of 60 minutes/day on all of the past 7 days)	Middle school	26%	26%	
Same as for MS	High school	21%	20%	



























Physical Literacy for All Youth in Maine: PLAY-ME HEALTHCARE SCREENING FOR PHYSICAL LITERACY

THEALTHCARE SCREENING FOR FITSICAL EITE

Project Goals:

- IDENTIFY children who lack physical literacy
- REFER to help them improve physical literacy
- FOLLOW UP to monitor improvement
- SPREAD awareness of the concept of physical literacy



•		Screen in Office		ta on accuracy of this scree adequate physical literacy: Positive predictive val Negative predictive val Sensitivity: 72% Specificity: 86%
		Tasks with Limite	su opace	
		se these tasks in less than 3 min	utes for a group	Accuracy of
lf you h	ave limited space, us	se these tasks in less than 3 min	utes for a group	Accuracy of NOT PASSING



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Recording T Record the to	ask Results tal number of seconds that the ch	nild held in the cor	rect position
Child ID	Wall Sit Time (seconds)	Child ID	Wall Sit Time (seconds)
e.g. 001	52		
physical litera			
physical litera 20 seconds	or longer, a more in-depth asses		literacy is probably not required.









Physical Literacy and Obesity: Moving well to move more **OBJECTIVES** Domains of 1. Review the current physical activity Physical Literacy hour or more of recommendations for youth physical activity Daily Behavior 2. Define physical literacy and describe its connection to physical activity and obesity 3. Explore how physical literacy assessment, counseling, and referral can be incorporated into the clinical care of youth with obesity





