

Materials List for:

# Frame-by-Frame Video Analysis of Idiosyncratic Reach-to-Grasp Movements in Humans

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URL: <https://www.jove.com/video/56733>

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## Materials

Name	Company	Catalog Number	Comments
High Speed Video Cameras	Casio	<a href="http://www.casio-intl.com/asia-mea/en/dc/ex_f1/">http://www.casio-intl.com/asia-mea/en/dc/ex_f1/</a> or <a href="http://www.casio-intl.com/asia-mea/en/dc/ex_100/">http://www.casio-intl.com/asia-mea/en/dc/ex_100/</a>	Casio EX-F1 High Speed Camera or Casio EX-100 High Speed Camera used to collect high speed video records
Adobe Photoshop	Adobe	<a href="http://www.adobe.com/ca/products/photoshop.html">http://www.adobe.com/ca/products/photoshop.html</a>	Software used to calibrate and measure distances on individual video frames
Adobe Premiere Pro	Adobe	<a href="http://www.adobe.com/ca/products/premiere.html?sdid=KKQOM&amp;mv=search&amp;s_kwid=3085!3!193588412847!e!!g!!adobe%20premiere%20pro&amp;ef_id=WDd17AAABaeTD6-D:20170606160204:s">http://www.adobe.com/ca/products/premiere.html?sdid=KKQOM&amp;mv=search&amp;s_kwid=3085!3!193588412847!e!!g!!adobe%20premiere%20pro&amp;ef_id=WDd17AAABaeTD6-D:20170606160204:s</a>	Software used to perform Frame-by-Frame Video Analysis
Height-Adjustable Pedestal	Sanus	<a href="http://www.sanus.com/en_US/products/speaker-stands/htb3/">http://www.sanus.com/en_US/products/speaker-stands/htb3/</a>	A height adjustable speaker stand with a custom made 9 cm x 9 cm x 9 cm triangular top plate attached to the top with a screw is used as a reaching pedestal
1 cm Calibration Cube	Learning Resources (Walmart)	<a href="https://www.walmart.com/ip/Learning-Resources-Centimeter-Cubes-Set-500/24886372">https://www.walmart.com/ip/Learning-Resources-Centimeter-Cubes-Set-500/24886372</a>	A 1 cm plastic cube is used to transform distance measures from pixels to centimeters
Studio Light	Dot Line	<a href="https://www.bhphotovideo.com/c/product/1035910-REG/dot_line_rs_5620_1600w_led_light.html">https://www.bhphotovideo.com/c/product/1035910-REG/dot_line_rs_5620_1600w_led_light.html</a>	Strong lamp with cool LED light used to illuminate the participant and testing area
3 Dimensional (3D) Sleep Mask	Kfine	<a href="https://www.amazon.com/Kfine-Sleeping-Contoured-lightweight-Comfortable/dp/B06W5CDY78?th=1">https://www.amazon.com/Kfine-Sleeping-Contoured-lightweight-Comfortable/dp/B06W5CDY78?th=1</a>	Used as a blindfold to occlude vision in the No Vision condition
Orange Slices	N/A	N/A	Orange slices served as the large sized reaching targets
Donut Balls	Tim Hortons	<a href="http://www.timhortons.com/ca/en/menu/timbits.php">http://www.timhortons.com/ca/en/menu/timbits.php</a>	Old fashion plain timbits from Tim Hortons served as the medium sized reaching targets
Blueberries	N/A	N/A	Blueberries served as the small sized reaching targets