## Supplemental online material

**Supplementary material**. Examples of exercises from the pilot version of injury prevention training (Table 3 in paper) developed by the research team based on the results from workshops with experts and end-users. Exercises are handball-specific, integrated within handball practice, and include injury prevention physical principles with integrated psychological aspects. Each exercise includes written instructions and video clip to meet key aspects (why, what, how, and when) emphasized by end-users'.

Exercise	How to execute	Why?	Keep in mind	Video clip
Plank with arm wrestling and ball	Kneeling with straight back     One forearm on the floor, ball in other hand     Press ball in different directions, like "arm-wrestling"     Tip: Use sweater or equivalent under knees	<ul> <li>Core and shoulder muscle strength</li> <li>Upper body balance and stability</li> <li>Grip strength</li> <li>Increase motivation (competition, pairwise)</li> </ul>	Hips parallel to the floor     Knees shoulder-width apart for better balance     Activate core muscles     Avoid shrugging shoulder	Supplemental online material 5 "Plank with arm wrestling and ball"
Slow-motion feint with elevated arm	Perform a feint in slow motion with elevated arm and ball in hand     After taking three steps, jump and land softly on both feet	Body awareness and control     Mindful muscle activation     Leg and core muscle strength	Slow movement     Hip-knee-foot alignment     Core activation	Supplemental online material 6 "Slow-motion feint with elevated arm"
Jumping, cutting, throwing, and landing	Player 1 moves backwards and passes ball to player 2     Players 2 takes a three-step feint, jumps, and lands controlled and softly on both feet while catching the ball, then passes the ball back     Change roles and direction	<ul> <li>Practice landing on both feet</li> <li>Improve balance during jump and landing</li> <li>Reduce risk of ankle and knee injuries</li> <li>Increase motivation (pairwise)</li> </ul>	Controlled and soft landing     Arm in elevated position     (should approx. 90 degrees abduction)	Supplemental online material 7 "Jumping, cutting, throwing, and landing"