

INFOGRAPHIC: Insights into the design of practice tasks for learning of decision-making on motor skill of passing in sport of futsal

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INTRODUCTION

Over the past few years, the passing motor skill has increasingly been recognized as essential for the successful performance of team sports. This is because it allows the ball to move around the game field from player to player and function as a perturbation on the opposing team. A pass refers to the act of intentionally kicking the ball to another player on the same team¹.

Recently, a body of work has been developed to comprehend how decisions on futsal passes are made from an ecological dynamic perspective^{1,2,3,4,5}. It implies investigating decision-making on passing by considering the sport of futsal as a dynamic system functioning at an ecological level of analysis. The main assumption here is that players make decisions based on their perceptions of spatiotemporal information emerging from players' interpersonal and extrapersonal coordination³.

The findings of such set of studies make possible the following insights for learning of decision-making on motor skill of passing in sport of futsal:

1. What information should be focused on for decision-making on passing? The passers' angle to their nearest defenders and teammates^{1,5}.

2. What should you look for in this information? The greatest angle and the angle emerging fastest^{1,5}.

3. How much greater should the passing angle be? About 72° is an optimal value of interpersonal coordination^{1,5}.

4. How to achieve such an optimal passing angle? Varying the distances between dyads passer-nearest defender and teammates-nearest defenders³.

5. How to pass? With greater or lesser velocity according to the greater or lesser velocity of the emergence of angular coordination, respectively².

6. How should we organize the practice to promote the learning of decision-making on passing? Manipulating situations of multiple choice to demand the passers' perceptual attunement to angular interpersonal relationships⁴.

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