

Quantitative study on the attacking effect of Chinese Men's Volleyball Team and the Top Four Men's volleyball team in 2023 World Men's Volleyball League

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ABSTRACT:

Since entering the 21st century, the online competition of volleyball is becoming more and more fierce. The secondary attack players not only play an important role in blocking to reduce the defensive pressure of the back row, but also pay more and more attention to their role in the offensive end. By using the method of literature, video observation and mathematical statistics, this paper makes a comparative analysis of the side attack effect between the Chinese men's volleyball team and the top Four men's volleyball team in 2023 World Men's Volleyball League. The results show that, in terms of serving, although the error rate of the Chinese men's volleyball secondary attackers is lower, the break rate and score rate are lower than that of the opponents. In terms of fast ball, the Chinese team's secondary attackers are not aggressive enough, and the probability of being defended by the other team is high, so they can not effectively convert the attack into points. In the flat fast ball, the Chinese team has a high error rate, the coordination between the setter and the assistant attacker is insufficient, and the impact on the opponent is not enough; The Chinese team and the top four teams are less to choose the back fly tactic, or even no back fly, because volleyball is becoming more and more simple and efficient, and the back fly tactic is less effective.

KEY WORDS: Volleyball; Chinese Men's volleyball Team; Secondary offensive player; Offensive effect

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