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Technical and Tactical Analysis of Major Foreign Epee Opponents Preparing for The Tokyo Paralympic Game in Group B of The Chinese Women's Wheelchair Fencing Team

He Kai¹, Xu Lina², Yan Hongwei^{3*}

¹²³Sports Coaching College, Beijing Sport University, CHINA

³Yong In University, SOUTH KOREA

ABSTRACT

This essay analyzes the main scoring methods and technical tactics of the Chinese women's wheelchair fencing team B-level athletes. Preparing for the Tokyo Paralympic Games, the primary foreign epee opponents will provide technical and technical references for the women's wheelchair fencing team support. To summarize the opponent's tactical characteristics and habits and offer concerns and suggestions for the Chinese women's dueling sword wheelchair fencing team, analyze the competition habits and tactics of the main competitors in dueling sword. This essay explores the opponent's main scoring methods by sorting out foreign competitors, the scores of crucial games, and the scores of different parts to be better prepared. Based on the video, the flexible use of technology and tactics can be summarized by searching for relevant information and statistical competition data. The wheelchair fencing team must maintain a solid defensive ability to ensure both offense and defense. In the game, keep good habits and clear thinking, grasp the reality of offensive and defensive conversion, use tactical moves flexibly, combine defensive tactics and tactics, and create good habits for seeking opportunities.

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1. Introduction

The first Paralympic Games were held in Rome in 1960, and wheelchair fencing was included as an official event. It is also the first Paralympic Games.

One of the official competition events. There were only individual men's sabre and team events and women's wheelchair fencing. Wheelchair fencing started late in China. In 2004, the Chinese Paralympic Delegation sent the wheelchair fencing team to the Athens Paralympic Games for the first time.

Due to the late start of wheelchair fencing in China, wheelchair fencing is mainly distributed in Jiangsu and Shanghai. There are seven athletes in Jiangsu and 10 in Shanghai, and there are 17 active athletes in total. In 2016, the women's wheelchair fencing team made the "Dream Team" of Wheelchair fencing of China complete the Paralympic Games with nine gold MEDALS.

Currently, the Chinese wheelchair fencing team has won the A group women's fencing team is more outstanding. Athletes are divided into two classes, A and B, depending on the degree of loss of athletic ability. This paper finds the technical and tactical characteristics of foreign female epee fencers in group B and summarizes the technical and tactical styles of foreign wheelchair fencers. It references Chinese wheelchair fencing athletes in group B to prepare for the 2021 Tokyo Paralympic Games.

2. Methods

2.1 The Document method

According to this paper's research purpose and task, the main characteristics of wheelchair fencing are searched through the Internet. Through the existing online materials to find relevant research papers, learn from the domestic better research methods, and find the wheelchair fencing project literature, in-depth understanding of its basic technical and tactical structure.

2.2 Video observation method

According to the research needs, five video games were collected, including two for VASILEVA, one for POZNIAK, and two for MISHUROVA. We watched the video games and analyzed the players' technical and tactical features using slow play, replay, and stop-frame, and found out their common advantages and disadvantages, which laid a specific data foundation for the research of this paper through comprehensive interpretation of the video and detailed recording of the relevant content.

2.3 Data Induction

In this paper, statistics, classification, induction, and arrangement are carried out using techniques, tactics, and related parameters, and corresponding results are obtained after further analysis. Summarize the main scoring methods, and summarize and analyze the scores, lost points, mistakes, etc.

2.4 Logical Analysis

Through the theory obtained in the research and the existing idea, using the form of summary and induction, comprehensive thinking for logical analysis, the results of effective practical analysis and discussion.

Participant

VASILEVA Ludmila, POZNIAK Tetiana, MISHUROVA Irina, The leading foreign competitors are the above three athletes from the world ranking.

Population & Sample

VASILEVA Ludmila, POZNIAK Tetiana, and MISHUROVA Irina, Three athletes selected above three as the leading competitors through the world rankings. For the 2020 Tokyo Paralympic Games fencing.

Instrument

Through the world championships, Grand Prix, World Cup, and other games in the past three years, the technical and tactical characteristics of the three athletes were analyzed.

3. Results

The offensive analysis statistics of foreign competitors are shown in the table.

Table 1. Foreign competitor's offensive technical statistics

	Serial Number	Name	Use the sword number	Score	Scoring average	Lost points	Losing points
Simple attack	1	VASILEVA	5	3	60.00%	2	40.00%
	2	POZNIAK	3	2	66.67%	1	33.33%
	3	MISHUROVA	4	3	75.00%	1	25.00%
Transfer offensive	1	VASILEVA	14	10	71.43%	4	28.57%
	2	POZNIAK	4	0	0.00%	4	100.00%
	3	MISHUROVA	23	10	43.48%	13	56.62%
A sword to attack	1	VASILEVA	1	1	100.00%	0	0.00%
	2	POZNIAK	1	1	100.00%	0	0.00%
	3	MISHUROVA	0	0	0.00%	0	0.00%
Against attack	1	VASILEVA	3	3	100.00%	0	0.00%
	2	POZNIAK	1	1	100.00%	0	0.00%
	3	MISHUROVA	7	5	71.43%	2	28.57%
Complex attack	1	VASILEVA	5	1	20.00%	4	80.00%
	2	POZNIAK	0	0	0.00%	0	0.00%
	3	MISHUROVA	8	3	37.50%	5	62.50%

percent against the offense and gave up only 28.57 percent. POZNIAK mainly scored simple points, scoring 66.67% of the time and giving up 33.33%. It can be seen from the table that foreign athletes often use transfer, confrontation, and complex, and simple attack to attack the score.

The counterattack analysis statistics of foreign competitors are shown in the table.

Table 2. Foreign competitor's offensive technical statistics

	Serial Number	Name	Use the sword number	Score	Scoring average	Lost points	Losing points
Direct counterattack	1	VASILEVA	3	2	66.67%	1	33.33%
	2	POZNIAK	0	0	0.00%	0	0.00%
	3	MISHUROVA	0	0	0.00%	0	0.00%
Transfer counterattack	1	VASILEVA	2	2	100.00%	0	0.00%
	2	POZNIAK	0	0	0.00%	0	0.00%
	3	MISHUROVA	1	1	100.00%	0	0.00%
Against a counter-offensive	1	VASILEVA	0	0	0.00%	0	0.00%
	2	POZNIAK	0	0	0.00%	0	0.00%
	3	MISHUROVA	0	0	0.00%	0	0.00%

It can be seen from Table 2 that foreign athletes do not have too many counter-attack movements. VASILEVA has a direct counter-attack and transfer counter-attack, and her score rate on a direct counter-attack is 66.67%, her loss rate is 33.33%, and her transfer counter-attack rate is 100%, without losing any points. MISHUROVA has a one-stroke transfer

counterattack, scoring 100 percent of the time. Ukraine's POZNIAK didn't even have the skills to fight back.

The statistical analysis of foreign competitors' defensive riposte is shown in the table.

Table 3. Foreign competitors defensive riposte technical statistics

		Serial Number	Name	Use the sword number	Score	Scoring average	Lost points	Losing points
		1	VASILEVA	0	0	0.00%	0	0.00%
Second riposte	defensive	2	POZNIAK	1	0	0.00%	1	100.00%
		3	MISHUROVA	0	0	0.00%	0	0.00%
		1	VASILEVA	0	0	0.00%	0	0.00%
Fourth riposte	defensive	2	POZNIAK	0	0	0.00%	0	0.00%
		3	MISHUROVA	2	1	50.00%	1	50.00%
		1	VASILEVA	0	0	0.00%	0	0.00%
Sixth riposte	defensive	2	POZNIAK	2	0	0.00%	2	100.00%
		3	MISHUROVA	1	0	0.00%	1	100.00%

As you can see from Table 3, POZNIAK players scored no points on their second and sixth defensive posttest (100.00%), while MISHUROVA used two fourth defensive ripostes (50.00%) and hit only one while VASILEVA did not make any defensive ripostes.

The analysis and statistics of foreign competitors' rush attacks are shown in the table.

Table 4. Foreign competitors rush technical attack statistics

		Serial Number	Name	Use the sword number	Score	Scoring average	Lost points	Losing points
		1	VASILEVA	4	3	75.00%	1	25.00%
Sound attack		2	POZNIAK	1	1	100.00%	0	0.00%
		3	MISHUROV A	0	0	0.00%	0	0.00%
		1	VASILEVA	0	0	0.00%	0	0.00%
Transfer sound attack		2	POZNIAK	0	0	0.00%	0	0.00%
		3	MISHUROV A	0	0	0.00%	0	0.00%
		1	VASILEVA	1	0	100.00%	0	0.00%
Confront attack	sound	2	POZNIAK	0	0	0.00%	0	0.00%
		3	MISHUROV A	1	0	0.00%	1	100.00%

It can be seen from Table 4 that the three foreign players all used different steal attack techniques. VASILEVA used a direct steal attack and counter steal attack. The highest scoring rate was direct steal attack (75.00%), while POZNIAKY used direct steal attack (25.00%). MISHUROVA uses a sword against the rush.

The statistical analysis of points lost by different body parts of foreign competitors is shown in the table.

Table 5. Foreign competitors different parts of the body points lost technical statistics

	Serial Number	Name	Use the sword number	Score	Scoring average	Lost points	Losing points
Hand	1	VASILEVA	8	5	62.50%	3	37.50%
	2	POZNIAK	11	4	36.37%	7	63.63%
	3	MISHUROVA	1	0	0.00%	1	100.00%
Head	1	VASILEVA	1	1	100.00%	0	0.00%
	2	POZNIAK	1	0	0.00%	1	100.00%
	3	MISHUROVA	1	1	100.00%	0	0.00%
Body	1	VASILEVA	13	11	84.62%	2	15.38%
	2	POZNIAK	3	0	0.00%	3	100.00%
	3	MISHUROVA	5	4	80.00%	1	20.00%
Arm	1	VASILEVA	19	11	57.89%	8	42.11%
	2	POZNIAK	11	7	63.64%	4	36.36%
	3	MISHUROVA	39	17	43.59%	22	56.41%

It is clear from Table 5 that the main scoring sites of VASILEVA are arm, trunk, and hand, with 57.89%, 84.62%, 62.50%, compared with 42.11%, 15.38%, and 37.50%, respectively POZNIAK.

The central scoring regions were the arm and hand, with 63.64% and 36.37%, respectively, and 36.36% and 63.63%, respectively. However, the MISHUROVAS was mainly scored in the arm and trunk, with 43.59% and 80.00%, respectively, while 56.41% and 20.00% were lost. The score loss rate on the peninsula is higher than the scoring rate.

4. Discussion

From the analysis in this paper, it can be concluded that VASILEVA takes shifting attack as her primary means of scoring. The total number of attacking swords is 14, and the scoring rate is also the highest. The main scoring areas are the arms, torso, and hands. POZNIAK's main scoring areas are the arms and hands, and the most lost points are on the hands.

POZNIAK scored the most points on direct attacks but was relatively weak in attack compared to the other two, scoring mainly on the arms and hands while losing the most points.

MISHUROVA is a player who uses diversion attacks as his primary means of scoring, with a total of 23 diversion attacks. Still, he loses more points than he scores and has the highest scoring rate against attacks. The main scoring areas are the arms and torso.

5. Conclusion

For VASILEVA, it is better to pay attention to her transfer, which can be interfered with by hitting a sword or interfering sword, and pay special attention to her arms and torso. The biggest part of the athlete's loss is her arms, and she can do some offensive or defensive counterattacks to her arms.

For MISHUROVA, always pay attention to her shifting attack. The front point is also her advantage, so in the future match should pay attention to protecting their front end and can do more defense or rush action.

6. Authors' note

The authors declare that there is no conflict of interest regarding the publication of this article. Authors confirmed that the paper was free of plagiarism.

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