

## **BOWLING ANALYSIS (THROWING THE BALL) BY LEADING MALE AND FEMALE CRICKET PLAYERS IN BULGARIA**

*Preliminary communication*

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### **Abstract**

*The studies on bowling are a precondition for optimal managing of all procedures related to sports preparations of cricket players. This leads to achieving better sports results. The goal is to study the major factors in the basic technical element of the game - bowling and to analyse the individual performance of the leading players in the Bulgarian national cricket teams - men and women. The study targets 10 male players and 10 female players from the national cricket teams of Bulgaria during their participation in the Balkan cricket championships - Twenty20. In general the players in the Bowler position in the Bulgarian nation cricket team demonstrate consistent results in their action. In the female team the mass of the allowed runs are due to extras such as wide balls and no balls with effect on 30-40% of the points.*

**Keywords:** *Balkan championships, game Twenty20, education and training programs, men, women*

### **INTRODUCTION**

Developing cricket in Bulgaria in the past ten years is directly related with the introduction of the game Twenty20. Twenty20 turned out to be a recognizable and attractive for the youth in Bulgaria. More and more young people are involving themselves in the education and training programs, which led to higher achievements for the national teams, both men and women.

The current issue, related with the study and analyze of the major parameter of the players in the national cricket team of Bulgaria, registered during their participation in the Balkan cricket championships in the year 2015, is important for the upcoming preparations and performance of the players.

The goal is to study the major factors in the basic technical element of the game - bowling and to analyse the individual performance of the leading players in the Bulgarian national cricket teams - men and women.

The study targets 10 male players and 10 female players from the national cricket teams of Bulgaria during their participation in the Balkan cricket championships – Twenty20 in the period 01.IV.2015 ~ 01.X.2015.

### **METHODS**

The studies are made on the male and female players in the national Bulgarian cricket team during their participation in the Balkan cricket championship - Twenty20 (Table 1).

*Table 1. Parameters of the Bowler position.*

<i>Parameters</i>	<i>Meaning</i>	<i>Units</i>	<i>Accuracy</i>	<i>Diraction</i>
1 Balls	Trowings	Number	1	+
2 Overs	Number of the overthrows made by the bowler (1 over consists 6 legally thrown balls)	Number	1	+
3 Mdns	Overs in which the Bowler doesn't allow a point.	Number	1	+
4 Runs	Number of the scored runs from opposing Botsman	Number	1	-
5 Wickets	Number of the scored wickets by the Bowler	Number	1	+
<i>Bowling Extras</i> <i>Inaccurate ball throws from the bowler, registered as points for the opposing team</i>				
6 Wide ball	Ball thrown out of the boundaries of the wicket	Number	1	-
7 No ball	Incorrect throw due to a wrong technique or stepping over the line	Number	1	-

### **RESULTS**

The analyses of the game activity in the performance of the male Bulgarian national cricket team during the Balkan championship in the period 17.IV.-19.IV.2015. In Greece, will help us outline the major patterns in the organisation

and execution in cricket from the Bulgarian players in real competitive environment.

Our priority will be recognising and analysing the leading key factors in bowling that affect the outcome of a cricket match.

Table 2. Factor with such significance for bowlers

Matches	wb	nb	ball	overs	mdns	runs	wkts
Bulgaria-Greece 18.IV.2015	12	0	98	14,2	1	98	10
Bulgaria-Macedonia 19.IV.2015 г.	7	0	85	13	2	43	3
Bulgaria-Greece 19.IV.2015	9	0	99	15	0	128	2
Sum total	28	0	282	42,2	3	269	15

Table 3. Game parameter that characterize the performance of the female players in the Bowler position during the matches in the Balkan cricket championship for women 26.IX.2015~29.IX.2015 in Sofia, Bulgaria

Matches	wd	nb	ball	over	mdns	runs	wkts
Bulgaria - Macedonia	48	2	168	20	0	123	3
Bulgaria - Macedonia	18	1	112	15,3	1	49	10
Sum total	66	3	280	35,3	1	172	13

Factor with such significance for bowlers (admitted points, thrown extras and made outs) are laid out in table 2.

From the studied parameters we can tell that for all played matches, Bowlers from the Bulgarian team in 42.2 overs allow a total of 269 runs to the opposing teams. Also the Bulgarian players scored a total of 15 outs.

Players in the Bowler position make a small amount of mistakes executing the throw against the Batsman from the opposing team, the so called "wide ball". This type of mistake the players made a total of 28 times, which makes an average of 9.3 times a game. In parameter "No ball", Batters don't do any mistakes during the match.

Factors that characterise the game of the batters from the Bulgarian national team like *allowed balls* and *thrown extras* are compensated from the good *bating* from the team in general. The average 0.66 extras for every over for a thrown ball clearly shows that the players play well, but the allowed points are from the not so well made passes of the ball, which allows the opposing team batters to score points. This will be worked on in the educational-training process during the upcoming training sessions of the team.

In table 3. Are laid out the the game parameter that characterize the performance of the female players in the Bowler position during the matches in the Balkan cricket championship for women 26.IX.2015~29.IX.2015 in Sofia, Bulgaria:

Are shown the statistics of the bowlers from the two played matches and it is clearly visible that in the second game the performance was much better than in the first - 10 taken wickets in the second to 3 in the first. 18 wide balls in the match against Macedonia to 48 in the match against Greece allowed the opposing team to score only 49 runs.

## CONCLUSIONS

The most common mistake from the players in the Bowler position is an inaccurately thrown ball to the opposing Batsman - the so called *wide ball*. That kind of mistake is made a total of 66 times from the Bulgarian players in the two matches. In the parameter *no ball*, as a type of a mistake, players make a total of 3 times in the two matches. Male players make a wide ball a total of 28 times in the three matches - average of 9.33 a match.

In general the players in the Bowler position in the Bulgarian nation cricket team demonstrate consistent results in their action. In the female team the mass of the allowed runs are due to extras such as wide balls and no balls with effect on 30-40% of the points.

## REFERENCES

- Andy, T. (2009). *Cricket Manual*. Haynes Publishing.
- Guy, C., & Roly, R. (1998). *The game of Cricket*. Greatest Guides Limited, Woodstock.
- Ian Pont (2006). *The Fast Bowler's BIBLE*. The Crowood Press Ltd Ramsbury.
- Колев, Н., Тренив, Л., & Георгиев, Г. (2010). *Школа по крикет – наръчник на скорера* [School Cricket - Manual of scorers. In Bulgarian.] София: НСА-Прес.
- Mark, B., & Paul, A. (2010). *Learn to Play Cricket*. The Yourself Cricket.
- Ralph, D. (2010). *Cricket steps to success*. Champaign, IL: Human Kinetics, Inc
- Smith, T. (2000). *Cricket umpiring & scoring*. London: Weidenfeld & Nicolson.
- Тренив, Л. (2013). *Сравнителен анализ на игровите показатели на състезателите по крикет от Българския национален отбор (В международните състезания по Twenty 20)* [Comparative analysis of the gaming indicators at cricket players from the Bulgarian national team (in international competitions Twenty 20). In Bulgarian.] София: НСА-Прес.

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