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( )

( )

\*

*outcome*

*Historical cohort study*

( )

*Outcome. match*

$(P < / )$

$(P < / )$

$(P < / )$

$\pm /$

$\pm /$

$(P < / )$

$\pm /$

$/ \pm /$

$(P < / )$

(RA)

PVNS

(synovitis pigmented villonodular) ( )

( )

( )

subjective feeling

: ( )

A • ( )

B •

C • ( )

ROM .

A

B

C ( )

Historical cohort study, design

fisher t-test

match

match

subjective feeling

(ROM)

( PVNS,RA)

Blahut

( )

Shibata

		Outcome																	
		(% / )																	
	(P< / )																		
± /	/ ± /		(P< / )																
(P< / )	(% / )																		
		t-test																	
	(P< / )	(% / )	subjective feeling																
	(P< / )																		
<table border="1"> <thead> <tr> <th colspan="2"></th> <th>PVNS</th> <th>RA</th> <th></th> </tr> </thead> <tbody> <tr> <td>/ ± /</td> <td>/ ± /</td> <td></td> <td>/ ± /</td> <td>(n= )</td> </tr> <tr> <td>/ ± /</td> <td>/ ± /</td> <td></td> <td>/ ± /</td> <td>(n= )</td> </tr> </tbody> </table>						PVNS	RA		/ ± /	/ ± /		/ ± /	(n= )	/ ± /	/ ± /		/ ± /	(n= )	
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/ ± /	/ ± /		/ ± /	(n= )															
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		subjective feelings																	
			(ROM)																
/ ± /		° ± /	(n= )																
± /		° ± /	(n= )																

subjective

(ROM)

feeling

( )

( )

radical intervention

( )

( )

(ROM)

( )

Blahut

( )

%

Naik Rao

(ROM)

( )

( )

( ± )

Kim SJ Jung

( ) Matsui Taneda

resection

Incision

( )

Gui

( )

(ROM)

Post-Op.

matching

Blahut

demanding surgical

procedure

learning curve

( )

shaver

( )

( )

( )

matching

matching

( )

( )

clinical trial

( )

## **REFERENCES**

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1. Ishikawa H, Ohno O, Hirohata K. Long-term results of synovectomy in rheumatoid patients. *J Bone Joint Surg Am* 1986; 68(2): 198-205.
2. Kuzmanova SI. Treatment of knee osteoarthritis by arthroscopic synovectomy and debridement of cartilage lesions - late results. *Folia Med (Plovdiv)* 2003; 45(3):66-72.
3. Adamec O, Dungl P, Kasal T, Chomiak J. Knee joint synovectomy in treatment of juvenile idiopathic arthritis. *Acta Chir Orthop Traumatol Cech* 2002; 69(6): 350-6.
4. Fiocco U, Cozzi L, Rigon C, Chieco-Bianchi F, Baldovin M, Cassisi GA, et al. Arthroscopic synovectomy in rheumatoid and psoriatic knee joint synovitis: long-term outcome. *Br J Rheumatol* 1996; 35(5): 463-70.
5. Kim SJ, Jung KA, Kwun JD, Kim JM. Arthroscopic synovectomy of the knee joint in rheumatoid arthritis: surgical steps for complete synovectomy. *Arthroscopy* 2006; 22(4): 461 -4.
6. Yoon KH, Bae DK, Kim HS, Song SJ. Arthroscopic synovectomy in haemophilic arthropathy of the knee. *Int Orthop* 2005; 29(5): 296-300.
7. Igne G. Eighty-six cases of chronic synovitis of knee. joint treated by synovectomy. *JAMA* 1938; 3(8): 2451-5.
8. Matsui N, Taneda Y, Ohta H, Itoh T, Tsuboguchi S. Arthroscopic versus open synovectomy in the rheumatoid knee. *Int Orthop* 1989; 13(1): 17-20.

9. Rao SK, Rao S, Naik AM. A descriptive clinical evaluation of arthroscopic synovectomy in rheumatoid knees: a prospective study. *Ceylon Med J* 2006; 51(1): 7-9.
10. Gui JC, Wang LM, Zhang HW, Huang H, Fang YG, Liu LF, et al. Establishment of arthroscopic trans-septal approach and its clinical application. *Zhonghua Wai Ke Za Zhi* 2006; 44(16): 1106-10.
11. Blahut J. Synovectomy of the knee joint. *Acta Chir Orthop Traumatol Cech* 2003; 70(6): 371-6.
12. Doets HC, Bierman BT, von Soesbergen RM. Synovectomy of the rheumatoid knee does not prevent deterioration. 7-year follow-up of 83 cases. *Acta Orthop Scand* 1989; 60(5): 523-5.
13. Shibata T, Shiraoka K, Takubo N. Comparison between arthroscopic and open synovectomy for the knee in rheumatoid arthritis. *Arch Orthop Trauma Surg* 1986; 105(5): 257-62.
14. Ostergaard M, Ejbjerg B, Stoltenberg M, Gideon P, Volck B, Skov K, et al. Quantitative magnetic resonance imaging as marker of synovial membrane regeneration and recurrence of synovitis after arthroscopic knee joint synovectomy: a one year follow up study. *Ann Rheum Dis* 2001; 60(3): 233-6.
15. Ogilvie-Harris DJ, Basinski A. Arthroscopic synovectomy of the knee for rheumatoid arthritis. *Arthroscopy* 1991; 7(1): 91-7.
16. Smiley P, Wasilewski SA. Arthroscopic synovectomy. *Arthroscopy* 1995; 17: 18-21.
17. Ryumchi J, Honda T. comparison between arthroscopic and open synovectomies for rheumatoid knee. *Ryumachi* 1995; 35(6): 880-8.
18. Kuzmanova SI, Atlanassov AN. Minor and major complication of arthroscopic synovectomy of knee joint. *Folia Med* 2003; 45(3): 55-9.
19. De ponti A, Sansone V, Malchero M. Results of arthroscopic treatment of pigmented villonodular synovitis of the knee. *Arthroscopy* 2003; 19(6): 602-7.