

//  
//

( )

\*

---

<i>EVL</i>	( <i>EVL</i> )	:
<i>EVL</i>	( <i>PPI</i> )	<i>EVL</i>
<i>EVL</i>		<i>EVL</i>
	<i>mg</i>	
	<i>EVL</i>	
	/ ± /	/ ± /
	( <i>P</i> < / )	/ ± /
<i>EVL</i>		<i>mg</i>
	<i>EVL</i>	
	( <i>EVL</i> )	:

---

( )  
Stigmana

				(EVL)	
		EVL		EVL	( )
				( )	
		C B A		( )	
( )		Child - Turcott- Pugh			
					( )
				EVL	
					( )
PPI	H2				( )
		Belsey Nissen		( )	EVL
				( )	%
					EVL
			( )	EVL	
		Pentax EG2940			(PPI)
		Total		EVL	PPI
		EVL			
Boston	Wilson	Cook			
		EVL			

Archive of SID

mm

%

±

Independent t-test

Chi-square

P<0/05 .

Fisher's exact test

	-	EVL	Cap
(			)
Cap			
Cap		cap	

/ ± /

/ ± /  
(P = / )

NPO

(P = / )

(P = / )

(P = / )

(P = / )

mg

Child C Child B

EVL

(P = / )

(P = / )

(P = / )

EVL

(P = / )

(P < / )

EVL

Child B Child C

Child C Child B

EVL

Child B / ± /

/ ± /

Child C

Child C

/ ± /

( / ± / )

EVL

(Child )

Child C

Child B

P-value	(n= )	(n= )	P-value	(n= )	(n= )	P-value	(n= )	(n= )
/	/ ± /	/ ±	/	/ ± /	/ ± /	/	/ ± /	/ ± / *
< /	/ ± /	/ ± /	/	/ ± /	/ ± /	< /	/ ± /	/ ± / *
(mm <sup>2</sup> )								
Mean ± SD *								

EVL

( )

( )

Gimson

( )

PPI

( )

Shaheen .

EVL

EVL

Pantoprazol

Pantoprazol

Gark

( ) - Pantoprazol  
( )

EVL

( )

( )

EVL

PPI

Child - Turcott- Pugh

mg

( )

EVL

EVL

EVL

## **REFERENCES**

1. Kim T, Shijo H, Kokawa H, Tokumitsu H, Kubara K, Ota K, et al. Risk factors for hemorrhage from gastric fundal varices. *Hepatology* 1997;25: 307-12.
2. Sanyal AJ, Purdum PP 3rd, Luketic VA, Shiffman ML. Bleeding gastroesophageal varices. *Semin Liver Dis* 1993;13:328-42.
3. Stiegmann GV, Goff JS, Sun JH, Davis D, Silas D. Technique and early clinical results of endoscopic variceal ligation (EVL). *Surg Endosc* 1989;3(2):73-8.
4. Laine L, el-Newihi HM, Migikovsky B, Sloane R, Garcia F. Endoscopic ligation compared with sclerotherapy for the treatment of bleeding esophageal varices. *Ann Intern Med.* 1993;119:1-7.
5. Stiegmann GV, Goff JS, Michaletz-Onody PA, Korula J, Lieberman D, Saeed ZA, et al. Endoscopic sclerotherapy as compared with endoscopic ligation for bleeding esophageal varices. *N Engl J Med* 1992;326:1527-32.

6. Laine L, El-Newihi HM, Migikovsky B, Sloane R, Garcia F. Endoscopic ligation compared with sclerotherapy for the treatment of bleeding esophageal varices. *Ann Intern Med* 1993; 119(1):1-7.
7. Gimson AE, Ramage JK, Panos MZ, Hayllar K, Harrison PM, Williams R, et al. Randomised trial of variceal banding ligation versus injection sclerotherapy for bleeding esophageal varices. *Lancet* 1993;342(8868):391-4.
8. Lo GH, Lai KH, Cheng JS, Hwu JH, Chang CF, Chen SM, et al. A prospective, randomized trial of sclerotherapy versus ligation in the management of bleeding esophageal varices. *Hepatology* 1995;22(2):466-71.
9. Hou MC, Lin HC, Kuo BIT, Chen CH, Lee FY, Lee SD. Comparison of endoscopic variceal injection sclerotherapy and ligation for the treatment of esophageal variceal hemorrhage: a prospective randomized trial. *Hepatology* 1995;21(6):1517-22.
10. Sarin SK, Govil A, Jain AK. Prospective randomized trial of endoscopic sclerotherapy versus variceal band ligation for esophageal varices: influence on gastropathy, gastric varices and variceal recurrence. *J Hepatol* 1997; 26: 826-32.
11. Young MF, Sanowski RA, Rasche R. Comparison and characterization of ulcerations induced by endoscopic ligation of esophageal varices versus endoscopic sclerotherapy. *Gastrointest Endosc* 1993;39:119-22.
12. Schoonbroodt D, Zipf A, Jung M. Local necrosis and fatal perforation of oesophagus after endoscopic ligation. *Lancet* 1994;344(8933):1365.
13. Marks RD, Arnold MD, Baron TH. Gross and microscopic findings in the human esophagus after esophageal variceal band ligation: a postmortem analysis. *Am J Gastroenterol* 1993;88:272-4.
14. Gimson AE, Ramage JK, Panos MZ, Hayllar K, Harrison PM, Williams R, et al. Randomised trial of variceal banding ligation versus injection sclerotherapy for bleeding oesophageal varices. *Lancet* 1993;342:391-394.
15. Cotton P, Williams CB. *Practical Gastrointestinal Endoscopy*. Cambridge, MA: Blackwell science. 1996.
16. Cholongitas E, Papatheodoridis GV, Vangeli M, Terreni N, Patch D, Burroughs AK. Systematic review: The model for end-stage liver disease-should it replace Child-Pugh's classification for assessing prognosis in cirrhosis? *Aliment Pharmacol Ther*. 2005; 22(11-12):1079-89.
17. Jalan R, Hayes PC. UK guidelines on the management of variceal haemorrhage in cirrhotic patients. *British Society of Gastroenterology*. *Gut* 2000;46(Suppl 3-4): III 1-III 15.
18. Toyoda H, Fukuda Y, Katano Y, Ebata M, Nagano K, Morita K, et al. Fatal bleeding from a residual vein at the esophageal ulcer base after successful endoscopic variceal ligation. *J Clin Gastroenterol* 2001;32: 158-60.
19. Van Vlierberghe H, De Vos M, Hautekeete M, Elewaut A. Severe bleeding following endoscopic variceal ligation: should EVL be avoided in Child C patients? *Acta Gastroenterol Belg*. 1999;62(2):175-7.

- 
20. Garg PK, Sidhu SS, Bhargava DK. Role of omeprazole in prevention and treatment of postendoscopic variceal sclerotherapy esophageal complications: Double-blind randomized study. *Dig Dis Sci* 1995;40(7):1569-74.
  21. Gimson A, Polson R, Westaby D, Williams R. Omeprazole in the management of intractable esophageal ulceration following injection sclerotherapy. *Gastroenterology* 1990;99(6):1829-31.
  22. Shaheen NJ, Stuart E, Schmitz SM, Mitchell KL, Fried MW, Zacks S, et al. Pantoprazole reduces the size of postbanding ulcers after variceal band ligation: a randomized, controlled trial. *Hepatology* 2005;41(3):588-94.
  23. Guglielmi A, Ruzzenante A, Sandri M, Kind R, Lombardo F, Rodella L, et al. Risk assessment and prediction of rebleeding in bleeding gastroduodenal ulcer. *Endoscopy* 2002;34:778-86.
  24. Paspatis GA, Charoniti I, Papanikolaou N, Vardas F, Chlouverakis G. A prospective, randomized comparison of 10-Fr versus 7-Fr bipolar electrocoagulation catheter in combination with adrenaline injection in the endoscopic treatment of bleeding peptic ulcers. *Am J Gastroenterol* 2003;98:2192-7.
  25. Laine L, Stein C, Sharma V. Randomized comparison of ligation versus ligation plus sclerotherapy in patients with bleeding esophageal varices. *Gastroenterology* 1996;110:529-33.
  26. Laine L, Cook D. Endoscopic ligation compared with sclerotherapy for treatment of esophageal variceal bleeding: a meta-analysis. *Ann Intern Med* 1995;123:280-7.

Archive of SID