



Title	Megacystis microcolon intestinal hypoperistalsis syndrome: A report of a nationwide survey in Japan
Author(s)	Soh, Hideki; Fukuzawa, Masahiro; Kubota, Akio et al.
Citation	Journal of Pediatric Surgery. 2015, 50(12), p. 2048-2050
Version Type	AM
URL	<a href="https://hdl.handle.net/11094/99830">https://hdl.handle.net/11094/99830</a>
rights	© 2015. This manuscript version is made available under the CC-BY-NC-ND 4.0 license <a href="https://creativecommons.org/licenses/by-nc-nd/4.0/">https://creativecommons.org/licenses/by-nc-nd/4.0/</a>
Note	

*The University of Osaka Institutional Knowledge Archive : OUKA*

<https://ir.library.osaka-u.ac.jp/>

The University of Osaka

**Figure legend**

## Figure 1

The survival rates of MMIHS obtained from 19 patients using the Kaplan-Meier Method. The five- and ten-year survival rates were 63 and 58%, respectively.

## References

- [1] Berdon WE, Baker DH, Blanc WA, et al. Megacystis-microcolon-intestinal hypoperistalsis syndrome: a new cause of intestinal obstruction in the newborn. Report of radiologic findings in five newborn girls. *Am J Roentgenol* 1976;126:957-64.
- [2] Puri P, Shinkai M. Megacystis microcolon intestinal hypoperistalsis syndrome. *Semin Pediatr Surg* 2005;14:58-63.
- [3] Granata C, Puri P. Megacystis-microcolon-intestinal hypoperistalsis syndrome. *J Pediatr Gastroenterol Nutr* 1997;25:12-9.
- [4] Kohler M, Pease PW, Upadhyay V. Megacystis-microcolon-intestinal hypoperistalsis syndrome (MMIHS) in siblings: case report and review of the literature. *Eur J Pediatr Surg* 2004;14:362-7.
- [5] Gosemann JH, Puri P. Megacystis microcolon intestinal hypoperistalsis syndrome: systematic review of outcome. *Pediatr Surg Int* 2011;27:1041-6.
- [6] Magana PMI, Al-Kassam MM, Bousono GC, et al. The megacystis microcolon-intestinal hypoperistalsis syndrome: apropos of a case with prolonged survival. *Nutr Hosp* 2004;23:513-5.
- [7] Oka Y, Asabe K, Shirakusa T, et al.. An antenatal appearance of megacystis-microcolon-intestinal hypoperistalsis syndrome. *Turk J Pediatr* 2008;50:269-74.
- [8] Pohl J, Chandra R, Corpuz G, et al. Hypertriglyceridemia and megacystis-microcolon-intestinal hypoperistalsis syndrome. *J Pediatr Gastroenterol Nutr* 2008;47:507-13.
- [9] Rudolph CD, Hyman PE, Altschuler SM, et al: Diagnosis and treatment of chronic intestinal pseudoobstruction in children: Report of consensus workshop. *J Pediatr*

Gastroenterol Nutr 1997;24:102-12.

- [10] Rolle U, O'Briain S, Pearl RH, et al. Megacystis-microcolon-intestinal hypoperistalsis syndrome: evidence of intestinal myopathy. Pediatric Surg Int 2002;18:2-5.
- [11] Taguchi T, Ikeda K, Shono T, et al. Autonomic innervation of the intestine from a baby with megacystis microcolon intestinal hypoperistalsis syndrome: I. Immunohistochemical study. J Pediatr Surg 1984; 24:1264-6.
- [12] Piotrowska AP, Role U, Chertin B, et al. Alterations in smooth muscle contractile and cytoskeleton proteins and interstitial cells of Cajal in megacystis microcolon intestinal hypoperistalsis syndrome. J Pediatr Surg 2003;38:749-55.
- [13] Watanabe Y, Kanammori Y, Uchida K, et al. Isolated hypoganglionosis: results of a nationwide survey in Japan. Pediatr Surg Int 2013;29:1127-30.
- [14] Muto M, Matsufuji H, Tomomasa T, et al. Pediatric chronic intestinal pseudo-obstruction is a rare, serious, and intractable disease: A report of a nationwide survey in Japan. J Pediatr Surg 2014;49:1799-803.
- [15] Masetti M, Rodriguez MM, Thompson JF, et al. Multivisceral transplantation for megacystis microcolon intestinal hypoperistalsis syndrome. Transplantation. 1999;68:228-32.
- [16] Raofi V, Beatty E, Testa G, et al. Combined living-related segmental liver and bowel transplantation for megacystis-microcolon-intestinal hypoperistalsis syndrome. J Pediatr Surg 2008;43:e9-11.
- [17] Loinaz C, Rodriguez MM, Kato T, et al. Intestinal and multivisceral transplantation in children with severe gastrointestinal dysmotility. J Pediatr Surg 2005;40: 1598-604.
- [18] Ueno T1, Wada M, Hoshino K, et al. A national survey of patients with intestinal motility disorders who are potential candidates for intestinal transplantation in Japan. Transplant

Proc 2013;45:2029-31.