

Supplementary Material

1. Chang DS, Kim MN, Hong CK, Ro BI. A case of hereditary hemorrhagic telangiectasia. *Korean J Dermatol* 2002;40:1148-1150
2. Chang SA, Oh S, Koo JM, Kim HK, Cho HJ, Park SR, et al. A case of hereditary hemorrhagic telangiectasia combined with pulmonary - systemic fistula. *Korean Circulation J* 2003;33:139-142
3. Chang SA, Jang SY, Ki CS, Kang IS, Kim DK. Successful bosentan therapy for pulmonary arterial hypertension associated with hereditary hemorrhagic telangiectasia. *Heart Vessels* 2011;26:231-234
4. Cho D, Kim S, Kim M, Seo YH, Kim W, Kang SH, et al. Two cases of high output heart failure caused by hereditary hemorrhagic telangiectasia. *Korean Circ J* 2012;42:861-865
5. Cho MJ, Park JA, Lee HD. Occlusion of pulmonary arteriovenous malformations using the Amplatzer vascular plug/duct occluder for a family with hereditary hemorrhagic telangiectasia. *Pediatr Cardiol* 2011;32:1260-1261
6. Choi JW, Joo YH, Jeong WS, Jang YJ. Free-flap reconstruction for the management of life-threatening hereditary hemorrhagic telangiectasia. *Auris Nasus Larynx* 2017;44:607-611
7. Chung SK, Moon IH. A case of hereditary hemorrhagic telangiectasia. *Korean J Otolaryngol-Head Neck Surg* 1994;37:157-161
8. Ha J, Son BK, Ahn SB, Jo YK, Kim SH, Jo YJ, et al. Osler-Weber-Rendu disease presenting as recurrent portosystemic encephalopathy in a 75-year-old female patient. *Korean J Gastroenterol* 2015;65:57-61
9. Ha M, Kim YJ, Kwon KA, Hahm KB, Kim MJ, Kim DK, et al. Gastric angiodysplasia in a hereditary hemorrhagic telangiectasia type 2 patient. *World J Gastroenterol* 2012;18:1840-1844
10. Han JK, Kim SH. Hepatic involvement in hereditary hemorrhagic telangiectasia. *Korean J Hepatol* 2004;10:322-324
11. Heo JH, Kim YT, Sung SW, Kim JH. Systemic pulmonary arteriovenous fistula: 1 case report. *Korean J Thoracic Cardiovasc Surg* 1998;31:409-412
12. Hwang IS, Cho H, Kim MY, Yu HS, Kim YM, Lee DY, et al. A case of endoscopic band ligation therapy for gastric bleeding in patient with Rendu-Osler-Weber disease. *Korean J Gastrointest Endosc* 2001;23:470-473
13. Jang HJ, Kim MS, Kim SY, Han JK, Kim YJ, Oh BH, et al. A case of embolization seen in pulmonary arteriovenous malformation in a patient with Osler-Rendu-Weber syndrome. *Korean Circulation J* 2006;36:820-822
14. Jung MK, Lee JY, Lee HC, Jeon SW, Cho CM, Tak WY, et al. A case of hereditary hemorrhagic telangiectasia treated by argon plasma coagulation. *Korean J Gastrointest Endosc* 2008;36:14-17
15. Kim CW, Park IH, Kwon W, Kim YJ, Jung SH, Lee SN, et al. A case of hereditary hemorrhagic telangiectasia diagnosed through spontaneous hemothorax. *Tuberc Respir Dis* 2012;72:50-54
16. Kim DH, Kim KH, Hahn JS. A case of hereditary hemorrhagic telangiectasia. *Korean J Dermatol* 2001;39:1048-1050
17. Kim HJ, Yoon YS, Seo JK, Moon HR, Hong CY, Yeon KM. Hereditary hemorrhagic telangiectasia with a pulmonary arteriovenous fistula. *JPN Circulation J* 1984;48:1087-1090
18. Kim JH, Choi TH, Nam SM, Chang JJ, Park YH, Hur NH, et al. Treatment of multiple pulmonary arteriovenous fistulas with therapeutic embolization in Osler-Rendu-Weber syndrome. *Tuberc Respir Dis* 1997;44:914-921
19. Kim JK, Park SH, Kim KH, Seo HJ, Kim KS, Choi JW, et al. A case of hereditary hemorrhagic telangiectasia. *Korean J Hepatol* 2000;6:514-518
20. Kim JY, Oh JH, Kim GT, Kwon JH. Endoscopic cryotherapy for the treatment of epistaxis due to hereditary hemorrhagic telangiectasia. *J Craniofac Surg* 2014;25:e120-e122.
21. Kim M, Song HY, Jeong H, Park IN, Choi SB, Lee HK, et al. A familial case of hereditary hemorrhagic telangiectasia. *Tuberc Respir Dis* 2009;66:314-318
22. Kim MH, Namgoong MK, Kim YJ, Jung SH, Uh Y, Lee HY. Hereditary hemorrhagic telangiectasia with pulmonary and splenic arteriovenous malformation. *Pediatr Allergy Respir Dis* 2012;22:438-443
23. Kim MJ, Kim ST, Lee HD, Lee KY, Seo J, Lee JB, et al. Clinical and genetic analyses of three Korean families with hereditary hemorrhagic telangiectasia. *BMC Med Genet* 2011;12:130
24. Kim SK, Lee SH, Kim K, Kim BI. ST elevation myocardial infarction in a patient with hereditary hemorrhagic telangiectasia involving the liver. *Korean J Med* 2017;92:182-185
25. Kim SS, Yoo SY, Kim MS, Choi YS. A case of hereditary hemorrhagic telangiectasia : surgical treatment with modified septodermoplasty. *Korean J Otolaryngol-Head Neck Surg* 1999;42:245-248
26. Kim YJ, Kim IH, Moon TH, Cho CH, Koh KK, Cho SK, et al. A case of hereditary hemorrhagic telangiectasia with pulmonary arteriovenous malformation. *Korean J Med* 1996;50:571-575
27. Kuwon ES, Park WK, Ryu JS, Kwak SM, Lee HL, Jo CH, et al. A case of pulmonary arteriovenous fistula with family history. *Tuberc Respir Dis* 1998;45:649-653
28. Kweon YO, Park JY, Kim EY, Kim SR, Kwak KS, Choi YH, et al. Two cases of hereditary hemorrhagic telangiectasia (Rendu-Osler-Weber Disease). *Korean J Intern Med* 1989;37:257-265

29. Kwon HJ, Choi JC, Oh JY, Cho JH, Kang M, Lee JH, et al. Splenic arteriovenous malformation manifested by thrombocytopenia in hereditary hemorrhagic telangiectasia: a case report. *J Korean Radiol Soc* 2008;59:197-200
30. Lee BH, Cho YS, Choi CW, Yoo JH, Kang HM. A case of multiple pulmonary arteriovenous malformation in pregnancy. *Tuberc Respir Dis* 2002;52:545-549
31. Lee CH, Yoo YS, Park WW. A case of hereditary hemorrhagic telangiectasia (HHT). *Korean J Otolaryngol-Head Neck Surg* 1990;33:185-191
32. Lee DH, Chung JW, Park JH, Yu IK, Yoon HK, Choi GM. Imaging findings of Osler-Weber-Rendu disease involving the liver. *J Korean Radiol Soc* 1995;32:943-946
33. Lee HE, Sagong C, Yeo KY, Ko JY, Kim JS, Yu HJ. A case of hereditary hemorrhagic telangiectasia. *Ann Dermatol* 2009;21:206-208
34. Lee HS, Lee EJ, Kim R, Jun JS, Lee WJ, Lee YS. Posterior cerebral artery infarction in a patient with coexisting hereditary hemorrhagic telangiectasia and patent foramen ovale. *J Korean Neurol Assoc* 2015;33:217-220
35. Lee JH, Lee YS, Kim PN, Lee BH, Kim GW, Yoo HW, et al. Osler-Weber-Rendu disease presenting with hepatocellular carcinoma: radiologic and genetic findings. *Korean J Hepatol* 2011;17:313-318
36. Lee M, Park P, Kim D, Jin HR. Three cases of hereditary hemorrhagic telangiectasia treated with bevacizumab. *Korean J Otorhinolaryngol-Head Neck Surg* 2016;59:613-619
37. Lee SN, Kim JK, Sohn DI, Lee JH, Lee YS, Lee SY. Anesthesia for a patient with Osler-Weber-Rendu syndrome: a case report. *Korean J Anesthesiol* 2007;52:363-366
38. Lee ST, Kim JA, Jang SY, Kim DK, Do YS, Suh GY, et al. Clinical features and mutations in the ENG, ACVRL1, and SMAD4 genes in Korean patients with hereditary hemorrhagic telangiectasia. *J Korean Med Sci* 2009;24:69-76
39. Lee YS, Kim S, Kang EK, Park JD. A case of hereditary hemorrhagic telangiectasia. *Korean J Pediatr* 2007;50:1018-1023
40. Moon CO, Han SW, Kwak JG, Jung YS, Shon JH, Lee SM, et al. Middle cerebral artery infarction associated with Osler-Weber-Rendu disease. *J Korean Neurol Assoc* 2007;25:402-405
41. Mun SJ, Yoo YT, Cho SW, Lee JE, Han DH, Min YG, et al. Clinical characteristics and comorbidities of hereditary hemorrhagic telangiectasia. *Korean J Otorhinolaryngol-Head Neck Surg* 2012;55:222-228
42. Paik NJ, Im MS. A case report of Osler-Rendu-Weber syndrome. *J of Korean Acad of Rehab Med* 1997;21:808-811
43. Park HJ, Eun HC, Lee YS. A case of hereditary hemorrhagic telangiectasia. *Korean J Dermatol* 1983;21:415-419
44. Park HS, Lee KT, Ahn BH, Lee JK, Lee JH, Rhee PL, et al. A case of Rendu-Osler-Weber disease (hereditary hemorrhagic telangiectasia). *Korean J Gastrointest Endosc* 1997;17:835-840
45. Park HW, Chun SI. Hereditary hemorrhagic telangiectasia in a family. *Korean J Dermatol* 1990;28:826-830
46. Park K, Kim C, Lim DS, Ro YM, Park J, Chun S, et al. A case of a pulmonary arteriovenous malformation with Ebstein's anomaly. *Korean Circ J* 2010;40:684-686
47. Seo J, Chu H, Lee JS, Kim DY. Mucocutaneous telangiectasia as a diagnostic clue of hereditary hemorrhagic telangiectasia: an activin receptor-like kinase-1 mutation in a Korean patient. *Ann Dermatol* 2016;28:264-266
48. Seung IS, Kim KS. Anesthetic experience of extrathoracic surgery in Rendu-Osler-Weber syndrome. *Korean J Anesthesiol* 2002;42:837-840
49. Song JW, Kim HJ, Yoon YR, Kim YT. A case of hereditary hemorrhagic telangiectasia managed with intranasal topical estrogen. *Korean J Otolaryngol-Head Neck Surg* 2006;49:447-450
50. Wee JW, Jeon YW, Eun JY, Kim HJ, Bae SB, Lee KT. Hereditary hemorrhagic telangiectasia treated with low dose intravenous bevacizumab. *Blood Res* 2014;49:192-195
51. Yang CJ, Lee BJ, Jang YJ. Usefulness of septodermoplasty in hereditary hemorrhagic telangiectasia. *Korean J Otorhinolaryngol-Head Neck Surg* 2015;58:330-336
52. Yi JG, Lee JH, Seong SO. Imaging findings of arteriovenous malformations involving lung and liver in hereditary hemorrhagic telangiectasia (Osler-Weber-Rendu Disease): two cases report. *J Korean Radiol Soc* 1999;41:503-506