Table S1. HP associated with SS.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Author/Year | Age/Sex | General findings | Neurological findings | Thickened dura mater  | Pathological findings | Treatment | Recurrence |
| Nakano et al./2018 (1) | 32/F | Fever, Fatigue,Recurrent lymphadenopathy | Headache | NA | - | Steroid therapy | - |
| Heo et al./2019 (2) | 77/F | Dry symptoms | Headache, Diplopia, Bilateral periorbital, temporomandibular pain, and Gaze palsy | Diffuse | - | Steroid pulse | - |
| Bureta et al./2018 (3) | 78/F | NA | Weakness of lower limbs,Increase of DTR,Pathological plantar reflex,Sensory disorder, andUrinary retention | Spine from Th2 to Th10 | Fibrosis,Infiltration of inflammatory cells, | Laminectomy,Steroid pulse | - |
| Li et al./1999 (4) | 73/M | Dry eye, Dry mouth,Purpura, General malaise,Polydipsia, andPolyuria | Headache, Dizziness | Diffuse | Fibrosis,Infiltration of inflammatory cells, | Steroid pulse | - |
| Ashraf et al./2009 (5) | 47/F | Rt. periauricular pain | Rt. facial weakness,Rt. motor neuron facial palsy,Rt. sensory disorder, andRt. deafness, | Diffuse | - | Steroid pulse | + |
| Kanaya et al./2018 (6) | 66/F | NA | Weakness of lower limbs, Gait disturbance, Sensory disorder, Increase of DTR, andUrinary retention | Spine from Th1 to Th4 | Fibrosis, Infiltration of inflammatory cells, | Laminectomy, steroid therapy, Azathioprine, Rituximab, | - |
| Ito et al./2000 (7) | 49/F | Fever,Dry eye, Dry mouth | Headache, Meningeal irritation | Lt. temporal regioncerebellar tentorium | - | Steroid therapy | - |
| Okuda et al./2002 (8) | 53/F | Polydipsia, Polyuria,Dry mouth, Fever | Headache, Bilateral deafness | Rt. hemisphere | - | Steroid therapy | NA |
| Yoritaka et al./2002 (9) | 75/F | Fever, Dry symptoms | Increase of DTR, Pallhypesthesia,  | Spine from Th6 to L2 | Fibrosis, Infiltration of inflammatory cells, | Laminectomy,Antituberculosis drug | NA |
| Present case | 60/F | Fever, General malaise | Headache, Increase of DTR,Sensory disorder, and Generalized tonic convulsions  | Rt. parietal region | Fibrosis,Infiltration of inflammatory cells, | Steroid pulse | - |

Abbreviations: HP, Hypertrophic pachymeningitis; SS, Sjögren’s syndrome; NA, not available; DTR, deep tendon reflex; Rt., Right; Lt., Left

**References:**

1. Nakano Y, Yamamoto M, Komatsu K, Yagita M, Fujita M. Hypertrophic pachymeningitis in Sjögren's syndrome. Intern Med. 2018;57(3):413-5. [doi:10.2169/internalmedicine.9406-17](https://doi.org/10.2169/internalmedicine.9406-17)

2. Heo Y, Kim T. Case report: hypertrophic pachymeningitis associated with Sjögren's syndrome. Neurol Sci. 2019;40(4):879-82. doi:10.1007/s10072-018-3637-2

3. Bureta CA, Abematsu M, Tominaga H, Saitoh Y, Kawamura I, Nagano S, et al. Hypertrophic spinal pachymeningitis associated with human T-cell lymphotrophic virus-1 infection and Sjogren's syndrome: A case report and brief literature review. Int J Surg Case Rep. 2018;45:22-8. [doi:10.1016/j.ijscr.2018.03.010](https://doi.org/10.1016/j.ijscr.2018.03.010)

4. Li JY, Lai PH, Lam HC, Lu LY, Cheng HH, Lee JK, et al.Hypertrophic cranial pachymeningitis and lymphocytic hypophysitis in Sjögren's syndrome. Neurology. 1999;52(2):420-3. doi:10.1212/WNL.52.2.420

5. Ashraf VV, Bhasi R, Kumar RP, Girija AS. Primary Sjögren's syndrome manifesting as multiple cranial neuropathies: MRI findings. Ann Indian Acad Neurol. 2009;12(2):124-6. doi:[10.4103/0972-2327.53083](https://dx.doi.org/10.4103/0972-2327.53083)

6. Atsushi K, Junichi H, Junichi Y, Tomoto S, Kazunobu I, Michiaki T. Kyoutsuikoui ni hassei shita hikouseikoumakuenn no ichirei [Hypertrophic pachymeningitis in the thoracic spine: A case report]. Journal of the Eastern Japan Association of Orthopaedics and Traumatology, 2018;30(4):553-7. In Japanese. [doi:10.24645/jejot.30.4\_553](https://doi.org/10.24645/jejot.30.4_553)

7. Hisashi I, Mayumi N, Sadayuki M, Terukuni I. Sjögren shoukougun ni gappei shita hikouseikoumakuenn no ichirei [Pachymeningitis with Sjögren syndrome. A case report]. Neurological Medicine. 2000;52(1):117-9. In Japanese.

8. ﻿Taisuke O, Yukio M, Satoru Y, Osamu T, Shigehiko I, Eiji K, et al. Chusuuseinyouhousyou, hhikouseikoumakuenn, sokutoudoumyakuenn wo gappei sita Sjögrensyoukougunn no ichi shourei [Sjögrens syndrome with central diabetes insipidus, hypertrophic pachymeningitis, temporal arteritis. A case report]. Rinsho Taieki, 2002;29:59-63. In Japanese.

9. Yoritaka A, Tsukamoto T, Ohta K, Kishida S. hikouseikoumakuenn no rinshouteki kentou[A clinical study of pachymeningitis]. No To Shinkei. 2002;54(3):235-40. In Japanese.