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Behcet`s disease is rare multi-systemic disorder that the main pathological defect is vasculitis, and superior vena cava(SVC) syndrome is very rare manifestation. We have experienced a case of SVC syndrome without thrombosis by Behcet`s disease. A 33-year old man visited hospital for aggravating dyspnea without any related medical history. he had 3 days history of abrupt swelling of face, neck, and right arm. he suffered from recurrent oral ulcer over 3 times for an year, and we observed acneiform nodules on his face and redness, swelling of intravenous injection site; Positive pathergy test. At chest CT, abnormal lymph node enlargement, mass, or mediastinal thickness was not found. But, SVC, the site joined by innominate veins, was narrowed without thrombosis, We carried venogram and percutaneous transluminal angioplasty(PTA) of stenotic site. (figure 1,2) The following day, his swelling of face, neck, Right arm was gone. we are keeping close observation on his changing symptom. We report on our experience in SVC syndrome without thrombosis caused by Behcet`s disease which is treated by PTA.

