Case Report: “Angiosarcoma of the Hand with Coagulation Control Challenge”

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Introduction:
Malignant vascular masses are rare at the upper extremity and they can be problematic in diagnosis and treatment. Our aim in this case report is to share our experience with one patient.

Case Report:
38 years old male patient is administered our hospital with a mass at the first web space with continuous hemorrhage after biopsy for diagnosis attempt. Emergent bleeding control cannot be achieved and embolization is performed at Interventional Radiology Department. Due to recurrent hemorrhage within a few days, mass is excised and detailed coagulation is performed intraoperatively. But at the postoperative second day, bleeding started again. With conventional bleeding control efforts, it can not be stopped.

After two days of coagulation control challenge, pathology specimen is reported as “angiosarcoma”. Multiple metastases are detected at PET-CT and transradial forearm amputation is performed for palliative treatment with the decision of multidisciplinary musculoskeletal tumor council.

At the postoperative 8th month, the patient is following with Radiotherapy and Chemotherapy.

Discussion:
Soft tissue masses are common at upper extremity with the majority of benign conditions. For the differential diagnosis of vascular masses with coagulation control problems, rare malignant diagnosis must be kept in mind. And any biopsy attempt must be done after imagination techniques.