Unlike permanent devices that have to be implanted surgically under general anesthesia, percutaneous catheter-ports may be installed under local anesthesia, a benefit for the many cancer patients who have already undergone cancer surgery. The subclavian route is also an option; however, there exists a risk of pneumothorax, reported to be around 4%, and also other complications such as local hematoma and brain infarction [2,3]. Thus, many institutions have been compiling their experience with femoral access and have reported relatively low complication rates [1,2].

Unfortunately, as with any injection device, there is always the possibility of extravasation, the leakage of injection material into tissue other than that targeted. Chemotherapeutic agents are generally cytotoxic and may cause necrosis of the surrounding tissue in the thigh and groin area; therefore, this medical emergency must never be underestimated.

A 29-year-old male patient was referred to the plastic surgery department for infection signs in his right inguinal area (Fig. 1). A hepatitis B carrier through vertical transmission, he had been diagnosed with hepatocellular carcinoma one month previously, and had received his first cycle of chemotherapy by way of a percutaneous intra-arterial catheter port device via his femoral artery.

While being started on his second cycle, he reported pain in the port area, and administration of epirubicin was immediately stopped. An estimated 15 mL of epirubicin had been administered. The port function was tested, and was found to be normal.

Using a femoral approach for inserting an intra-arterial percutaneous catheter-port device has recently been introduced for targeted treatment of hepatic tumors

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Extravasation of a Percutaneous Femoral Hepatic Infusion Device

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Using a femoral approach for inserting an intra-arterial percutaneous catheter-port device has recently been introduced for targeted treatment of hepatic tumors
Implantable catheter-port devices have been developed. Herrmann reported on the use of the femoral artery for percutaneous implantation in 2000, a readily accessible method with which most radiologists are familiar [1]. The procedure may be performed under local anesthesia and provides a subcutaneous port that is available for repeated chemotherapy or prolonged parenteral nutrition. The success rate for implantation has been reported to be 90% to 100%, and the implantation technique has been constantly refined to prevent such technical complications as catheter dislocation or migration, catheter occlusion, or extrahaepatic perfusion [3].

Chemotherapy ports, like all other injection devices, carry a risk of extravasation, the leakage of an injection agent into untargeted surrounding tissue. The incidence of implanted port extravasation has been reported to be 0.3% to 4.7% [4]. However, this is probably lower than the actual incidence, as most cases are not reported in the literature. Femoral ports, with their many benefits, are unfortunately located in an area where there is usually an abundance of soft tissue, unlike the subclavian port, which is easily located visually. This increases the risk of missing the target, and also necessitates use of a longer needle, which may be more easily dislodged. This also increases the risk of delayed detection because a significant amount of fluid may extravasate subcutaneously before tissue pressures increase.

Extravasation results in serious necrosis of the surrounding tissue and vasculature, and may require extensive debridement and reconstruction, as in our case. Thus, the authors suggest that several basic...
Gemella morbillorum (G. morbillorum) is a part of the normal human flora and is an extremely rare cause of infection [1]. However, Gemellae are also classified as opportunistic pathogens that are able to cause severe localized and generalized infections [2]. In this case report, we describe an infection of G. morbillorum on the chest wall after acupuncture therapy. Our patient was a 74-year-old male who had a thoracic wall contusion because of a bicycle accident. Initially, there were no open wounds or specific symptoms besides bruising and mild pain. The patient underwent acupuncture therapy before the trauma event due to

precautions be strictly adhered to when implanting and injecting femoral catheter ports. If possible, the port should be located in a more superficial layer so that it is visible externally. Blood withdrawal before injection and saline injection preceding the agent to check for adequate needle placement is mandatory. If in doubt, insertion of the injection needle under ultrasonographic guidance is an option. Patient education and monitoring of the medical team are needed, given the fact that thigh soft tissue is thick and therefore signs of extravasation may be more muted in this area.

Oncology patients in general, not to mention hepatic tumor patients, are in a catabolic state, and consequently have a delayed wound healing prognosis. Extravasation is a devastating medical accident that is detrimental to the patient’s quality of life and physical health. The patient in our case spent two months of his remaining six months of life recovering from this injury. The risk of extravasation should always be kept in mind when manipulating femoral catheter ports.

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Gemella morbillorum Infection after Acupuncture Therapy

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Gemella morbillorum is a part of the normal human flora and is an extremely rare cause of infection [1]. However, Gemellae are also classified as opportunistic pathogens that are able to cause severe localized and generalized infections [2]. In this case report, we describe an infection of G. morbillorum on the chest wall after acupuncture therapy. Our patient was a 74-year-old male who had a thoracic wall contusion because of a bicycle accident. Initially, there were no open wounds or specific symptoms besides bruising and mild pain. The patient underwent acupuncture therapy before the trauma event due to