

## OPIS PRZYPADKU CASE REPORT

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### Key words:

needle  
self-injury  
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### Słowa kluczowe:

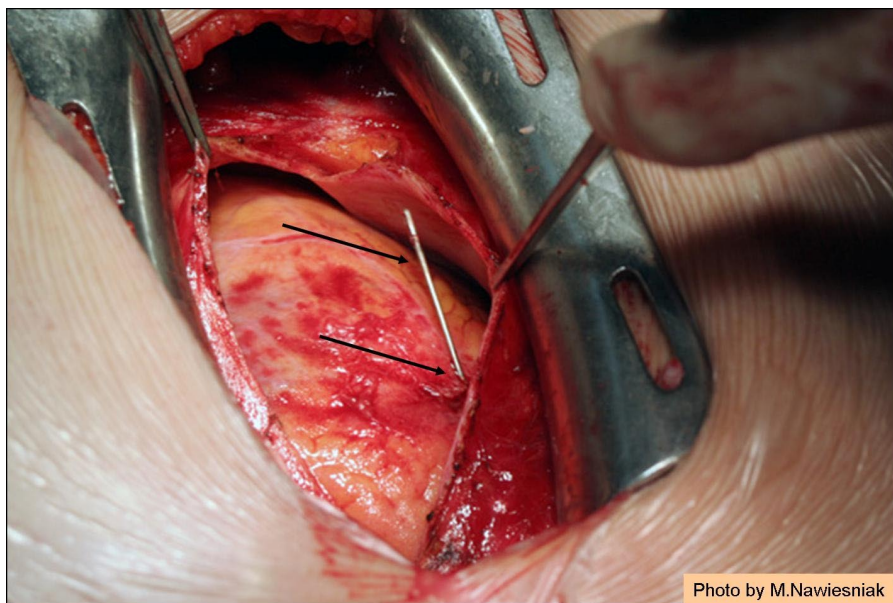
igła  
samookaleczenie  
prawa komora

## Self-injury. A needle in the heart

### Samouszkodzenie. Igła w sercu

**Self injures and suicides are quite common at psychiatric patients. Injuries usually concerns limbs, chest or head. This time the presented injury was very inventive. The authors describe a case which is rather rare and unusual, concern a 26 years old patient who wanted to commit a suicide with a sewing needle.**

*Samookaleczenia i samobójstwa są całkiem częstym zjawiskiem u pacjentów psychiatrycznych. Okaleczenia zazwyczaj dotyczą kończyn, klatki piersiowej a także głowy. Tym razem prezentowane okaleczenie było bardzo pomysłowe. Autorzy opisują przypadek, który jest raczej rzadki i niezwykle. Dotyczy 26 letniej pacjentki, która chciała popełnić samobójstwo igłą krawiecką.*



**Figure 1**  
Intraoperatively view (arrows show the sewing needle stuck in the right ventricle).

### Patient

A 26 years old patient suffered from schizophrenia, injured herself with a sewing needle. She was admitted to Department of Cardiovascular Surgery and Transplantology in Krakow as urgent case.

At the time of admission to hospital she was hemodynamically stable: CTK 110/60, HR 90/min. She was conscious but faltered, in difficult verbal communication. X ray chest shown the needle in the heart location. Patient did not presented clinical signs of heart tamponade and urgently echocardiography examination did not show heart tamponade as well.

Woman was transfer urgently to operative room. The typical sternotomy was necessary. The extracorporeal circulation was stand by. Intraoperatively about 100 ml blood was suctioned out from pericardium and the needle was successfully removed from the right ventricle. The small whole was closed using single Prolene suture (Figure 1).

The patient hemodynamically stable was discharge from our hospital after five days after successful surgical intervention. She was sent to Psychiatric hospital. For the sake of active suicidal tendencies required special supervision.

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