AFCP French T.A.R. registry

Activity report of first 3 years

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  (Association Française de Chirurgie du Pied)
- Coordinator of AFCP registry
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AFCP French T.A.R. registry
Activity report of first 3 years

- J-L BESSE, MD PhD - Registry coordinator for AFCP
- B. FERRE, MD. President of AFCP
- Pole IMER - Clinical Research Unit - Hospices Civils Lyon
- AFCP - Association Française Chirurgie du Pied

Authors have no potential conflicts with this presentation
In 2015, renewal of the 5-yearly French health insurance financing of TAR will require exhaustive data.

Problems: ≈ 500 TAR / year in France but 148 surgeon practicing

French Foot Surgery Society
(AFCP - project initiator and promoter)

+ Lyon University Hospitals Clinical Research Unit
(administrator and scientific manager)

+ Companies (Integra - SBI - Tornier)
(operational financers)

launched a national TAR registry on June 18, 2012
(with CNIL data protection approval)
3 types of forms

1. Prosthesis patient data
2. Reoperation forms
3. Monitoring forms (optional)

Tripartite contract (Companies - Pole IMER - AFCP)

Semestrial statistical reports

+ 32 euros per prosthesis to cover reminder procedure

(each company gives the Research Unit a monthly list of surgeons, the Unit sends out 3 reminders to those who have not entered data)

PATIENTS involvement / implant monitoring

can alert research unit in case of re-operating
Every surgeon implanting TARs files a pre-registration formula on the website.

After verification, the administrator sends the center number and personal login.

Registration takes 3-5 minutes.

Implant ID number is automatically provided after complete data input.

Then surgeons distribute a legal information sheet and a passport.

(patients can alert the research unit directly in case of re-operation).
RESULTS

INCLUSIONS (18 June 2012 to 30 June 2015)

- 1,612 TARs implanted in France
  data provided by Iceram, Integra, SBI, Tornier

- 1,276 registered 79.2%
Activity REPORT of first 3 years

SURGICAL CENTERS

- 202 centers implanted TARs
- 127 centers registered TARs in the registry
- 75 never registered their TARs

<table>
<thead>
<tr>
<th>TAR/centre in the registry</th>
<th>Number of centres (%)</th>
<th>Number of TAR registered (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 TAR</td>
<td>36 (28.3)</td>
<td>36 (2.8 %)</td>
</tr>
<tr>
<td>2-5 TARs</td>
<td>52 (40.9)</td>
<td>154 (12.1 %)</td>
</tr>
<tr>
<td>6-10 TARs</td>
<td>16 (12.6)</td>
<td>115 (9.0 %)</td>
</tr>
<tr>
<td>11-30 TARs</td>
<td>13 (10.2)</td>
<td>234 (18.3 %)</td>
</tr>
<tr>
<td>&gt; 30 TARs</td>
<td>10 (7.9)</td>
<td>737 (57.8%)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>127</td>
<td>1276</td>
</tr>
</tbody>
</table>
SURGICAL CENTERS

Investment of surgeons in registry is proportional to the number of TARs implanted!

<table>
<thead>
<tr>
<th>TAR implanted / centre</th>
<th>Number of centres</th>
<th>Exhaustiveness TAR registered / TAR implanted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 TAR</td>
<td>66 centres</td>
<td>41 % (0 – 100)</td>
</tr>
<tr>
<td>2-5 TARs</td>
<td>85 centres</td>
<td>46 % (0 – 100)</td>
</tr>
<tr>
<td>6-10 TARs</td>
<td>17 centres</td>
<td>66 % (0 – 100)</td>
</tr>
<tr>
<td>&gt; 10 TARs</td>
<td>24 centres</td>
<td>94 % (44 – 100)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>192</td>
<td>79.2 %</td>
</tr>
</tbody>
</table>
mean Age : 63.2 yrs (18 yrs - 91 yrs).

Etiologies: post-traumatic (49%), OA on laxity (19%), primary (17%), inflammatory (7%),

Associated procedure: 44.8%
- Achilles lengthening 20.9%
- Ligament plasty 8.6%
- Osteotomy 4.9%
- Arthrodesis 2.3%

Intra-op incidents: 9.0%
- Malleolar fracture 6.4%
Activity REPORT of first 3 years

- FOLLOW-UP forms (optional)
  523 patients (41.4%) had at least one follow-up form
  wound healing delay 6.8%, infection 0.7%, DF 9.9°, PF 22.1°

- RE-OPERATION forms
  74 patients (= 5.8%) reoperated
  i.e. 89 re-operation forms (1-4/patient).
  - 51 patients (4%) without implant removal
    *(arthrolysis 33%, complementary osteotomy 11.5%,
     Achilles lengthening 9.8%, ligament plasty 6.6...*)
  - 9 (0.7%) with partial TAR change *(tibia 6 - talus 3)*
  - 14 (1.1%) with TAR removal *(4 re-do TAR, 10 arthrodesis)*
CONCLUSIONS

- **Original Registry procedure** has overcome French surgeons’ aversion for registry

  - Good exhaustiveness (79.2%)
  - vs 2% for French Hip registry
  - 1276 TARs included in 3 years

- Closely followed by French Health authorities

  - independent audit for HAS at 1 year

  - 7% of reoperation (phone call registry patients)
  - vs 2% with registry data!
REFERENCES


