

Outpatients managment is profitable

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Disclosure

Speaker name:

Yann Goueffic

☑ I have the following potential conflicts of interest to report:

Consultant: BOSTON SCIENTIFIC, COOK, HEXACATH, MEDTRONIC,

PEROUSE.







- It helps to respond to the increased demand of hospital care
- 2) It makes the structure more efficient
- 3) It saves money
- 4) It makes patients, physicians and nurses happy



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Increased demand of hospital care for PAD

Population is aging — Diabetes - Renal insufficiency During the preceding decade the number of individuals with PAD, increased by 28.7% in LMIC and 13.1% in HIC.

	People living with peripheral artery disease in year 2000 (thousands)			People living with peripheral artery disease in 2010 (thousands)			Rate of change (2000–10)			
	High-income countries	Low-income and middle-income countries	Worldwide	High-income countries	Low-income and middle-income countries	Worldwide	High-income countries	Low-income and middle-income countries	Worldwide	
25-29 years	2311	10756	13068	2381	12 037	14419	3-02%	11-91%	10-34%	
30-34 years	2803	11469	14272	2760	12343	15103	-1-52%	7.62%	5.82%	
35-39 years	3486	11247	14733	3343	13776	17119	-4-12%	22.49%	16-19%	
40-44 years	4071	11138	15 209	3938	14707	18645	-3.28%	32-05%	22.59%	
45-49 years	4528	11408	15936	4851	14354	19205	7-14%	25.83%	20-51%	
50-54 years	4907	9902	14808	5503	14100	19603	12-15%	42-40%	32-37%	
55-59 years	4530	9111	13641	5948	14170	20118	31-31%	55-53%	47-49%	
60-64 years	5342	9074	14416	6242	11787	18029	16-85%	29-90%	25.06%	
65-69 years	5287	8416	13704	5547	10124	15 670	4-90%	20-29%	14-35%	
70-74 years	5594	6953	12547	6043	9020	15063	8-02%	29.73%	20-05%	
75-79 years	4808	4960	9768	5370	7012	12382	11-68%	41.36%	26.75%	
80-84 years	3107	3015	6123	4723	4396	9118	51-98%	45-77%	48-92%	
85-89 years	2246	1411	3658	3028	2087	5115	34-80%	47-86%	39.84%	
≥90 years	1174	544	1717	1611	864	2474	37-22%	58-82%	44-09%	
Total	54195	109 405	163600	61287	140775	202 062	13-08%	28-67%	23.51%	
Additions in the table might deviate from the world total in the last digit due to rounding. Table 2: Estimated number of people living with peripheral artery disease in high-income countries, low-income and middle-income countries, and worldwide in the years 2000 and 2010, and the rate of change from 2000 to 2010										



CHU île de Nantes

-30% of conventionnal beds





Endovascular repair is the first line of treatment for PAD



Bypass versus angioplasty in severe ischaemia of the leg

Lancet 2005; 366: 1925-34

(BASIL): multi



Shifting Paradigms in the Treatment of Lower Extremity Vascular Disease

A Report of 1000 Percutaneous Interventions

Brian G. DeRubertis, MD, Peter L. Faries, MD, James F. McKinsey, MD, Rabih A. Chaer, MD, Matthew Pierce, BS, John Karwowski, MD, Alan Weinberg, PhD, Roman Nowygrod, MD,

Is revascularization and limb salvage always the best treatment for critical limb ischemia? Mark R. Nehler, MD, William R. Hiatt, MD, and Lloyd M. Taylor, Jr, MD, Denver, Colo; and Portland, Ore

J Vasc Surg 2003;37:704-8.

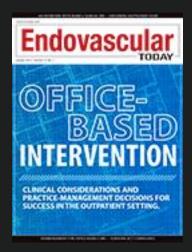


Ambulatory for PAD is safe





Outpatients for PAD: a routine management



COVER STORY

The Outpatient Endovascular and Interventional Society

This new society, f

Ithough outpatitional suites have years, there has these sizes in mult is estimated that nearly exist in the United States growing rapidly. Office-b patient interventional suit endovascular suites, offer provide an alternative ca payers, and physicians th cient and cost effective t ventions. Patient satisfac which are dedicated to t mal outcomes.

The Outpatient Endov Society (OEIS) was conce needs and promote the a interventional suites.

country, many physician

STARTING A NEW I With the growth of o

have felt alone and some of establishing and building their practices. Until now, there has been no representation or collective experience to draw upon. The existing national societies, although supportive of the cause, have other interests that are often a singular-specialty focus. Additionally,

there has been no formal representation to payers and

Ithough outpatient or office-based interventional suites have been operational for many years, there has been a marked proliferation of these sites in multiple states in the past 3 years. It is estimated that nearly 350 to 400 office-based labs exist in the United States to date, and that number is growing rapidly. Office-based labs, also referred to as outpatient interventional suites, access centers, or office-based endovascular suites, offer many distinct advantages and

A sentinel meeting took place in Dallas, Texas, on August 24, 2013. Fifteen founding physicians, five from each of the three specialties and representing different geographic areas of the country, came together to develop the society's goals, bylaws, and objectives. In that meeting, the unity of purpose and approach to forging



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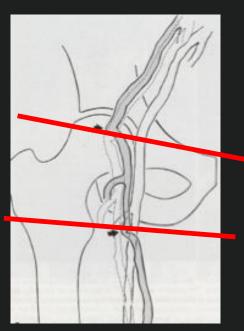
Patient care should be safe and efficient with a same day discharge

- The hospitalisation should be well organized
- It mobilizes fewer resources than conventional surgery
- The procedure should be successfull
- Follow-up should be safe



Duplex scan guided femoral puncture to increase the safety and the efficacy of ACD

Prostar®, Proglide® (Abbott, France)
Angioseal®, Femoseal (St Jude)



Inguinal ligament

CFA bifurcation





Arterial closure device Vs Manual compression



The use of smaller diameter instruments would tend to render manual compression sufficient

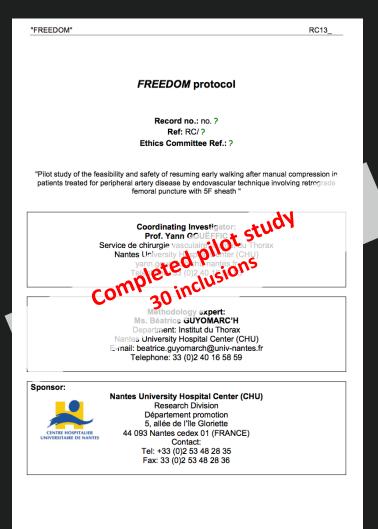
puncture point which presents a greater risk after the ACD

Cost

FREDDOM trial (ClinicalTrials.gov Identifier: NCT01587482)



Everflex peripheral self-expanding stent with Entrust delivery system



Objective

To demonstrate the feasibility of early resumption of walking after manual puncture point compression following a diagnostic or therapeutic procedure by endovascular technique involving retrograde femoral puncture point with 5F sheath.

Primary endpoint

Walking at H5

V1 dated 01/10/2013 1/35



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Government urges to save money

Cinq milliards d'euros d'économies sur la chirurgie

coup améliorée: les hôpitaux publics affichent même un excédent de 100 millions d'euros, selon les prévisions du ministère de la santé.

Lits inoccupés

Si elle note l'inversion de tendance, la Cour décrit « un équilibre fragile et largement circonstanciel », obtenu grâce à des cessions d'actifs (notamment 60 millions à l'AP-HP ou 43 millions aux hospices de Lyon) et un changement comptable. Son regard se fait particulièrement sévère sur la chirurgie ambulatoire, qui permet d'éviter les coûteux séjours à l'hôpital notamment pour la cataracte ou les hernies. Son retard est « considérable et préjudiciable ». En moyenne, quatre opérations sur dix sont réalisées en ambulatoire en France, contre huit dans des pays comparables. Les magistrats relèvent que malgré la montée en puissance de l'ambulatoire, la diminution du nombre de lits en chirurgie conventionnelle a marqué le pas. Résultat, bon nombre sont inoccupés. Une bonne gestion permettrait une économie de 5 milliards par an.

Pour la Cour, la solution réside non plus dans l'incitation financière à pratiquer des opérations sans hébergement à l'hôpital, mais dans l'alignement des tarifs de chirurgie classique sur l'ambulatoire. Une baisse de tarifs qui inverserait enfin la logique.

L. CL.

LES AUTRES PISTES D'ÉCONOMIES

chirurgie ambulatoire (actes pratiqués à l'hôpital permettant la sortie le jour même du patient), qui permettrait 5 milliards d'euros d'économies.

LIBÉRATION MERCREDI 18 SEPTEMBRE 2013



Currently, outpatient for PAD represents less than 2% of the hospitalization in France

	Toutes durées confondues (dont séjours supérieurs à 2 nuits)	2 nuits	1 nuit	Ambulatoire	Total durées inférieures ou égales à 2 jours
05K061	21 288	15 676			15 676
05K131	3 794	3 550	787		4 337
05K06T	5 840		3 347	447	3 794
05K13J	158			158	158
Total	31 080	19 226	4 134	605	23 965
%	100%	61,9%	13,3%	1,9%	77,1%

DRG for outpatients:

05K06T: Vascular stent without myocardial infarction, very short length

05K13J: Therapeutic procedure through vascular access except stent (>17 years old)



PAD French Context

- 23,965* stays ≤2 nights including 605 <1 night
- Ambulatory surgery DRG*: 1,784.66 €
- Conventional surgery DRG (>24h;severity 1)*:
 - if patient stays between 2 and 7 nights: 2,791.28 €
 - if patient stays 1 night: 2,287.98 €
- Expected economy of ambulatory surgery development from a health care insurance perspective:

111 (based on 2014 tariffs and 2013 activity)

AMBUVASC (PRME 2014)

ClinicalTrials.gov Identifier: NCT02581150



Programme de Recherche Médico-économique PRME 2014 Hors Champs Cancer Ave parcours de soins

Protocole AMBUVASC

«Analyse coût-utilité de la prise en charge en chirurgle ambulatoire versus l'hospitalisation conventionnelle dans le traitement de l'artériopathie oblitérante des membres inférieurs par technique endovasculaire»

Personne qui dirige et surveille la réalisation de la recherche : Pr YANN GOUEFFIC

Etablissement hospitalier:

CHU de NANTES Chirurgie vesculaire

Adresse

Höpital Guillaume et René Latinnec Boulevard Jacques Mono

Undergoing study
Undergoing study

160

Start in March 2016

30 inclusions 160

AL .

5, Allée de l'île Gloriette 44 093 Nantes cedex 1

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Département promotion et Département Partenariets et Innovation

5, allée de l'île Gloriette 44 093 Nantes cedex 01 (FRANCE) Contact: A. OMNES, A. ROYER

Tel: 02 53 48 28 35 Fax: 02 53 48 28 36

Objective

To compare the utility-cost of the conventional hospitalization vers ambulatory hospitalization (with ACD)

Primary endpoint

Incremental cost-effectiveness ratio (ICER)

$$ICER = rac{C_{ambulatoire} - C_{hospitalisation}}{QALYs_{ambulatoire} - QALYs_{hospitalisation}}$$



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Physician, nurses and patients are discharged earlier also!

HOURS

Monday $9 \sim 5$ Tuesday $9 \sim 5$ Wednesday $9 \sim 5$ Thursday $9 \sim 5$

9~5

Friday Saturday

Sunday



