
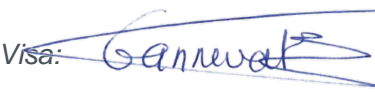





ORIGIN®

Implants and instruments for total knee replacement

Author	Reviewer	QA Approval
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<p>Visa: </p> <p>Date : 20-MAY-2022</p>	<p>Visa: </p> <p>Date : 20-MAY-2022</p>	<p>Visa: </p> <p>Date : 20-May-2022</p>

I. COVER PAGE

Clinical Investigation Title	Performance and safety evaluation of the ORIGIN® PS knee prosthesis and the KNEE-PLAN® Set ORIGIN® instruments
Clinical Investigation Plan Number, version and date	CLIN-G-008 12.NOV.2018 VERSION 2.0
Report Document Version	21 December 2021 version 0.1
Study design	Observational / Prospective / Multicentric / Non-comparative / Single arm PMCF study
Evaluated Devices	The ORIGIN® PS devices are made of a Total Knee Prosthesis (femoral component, tibial insert, tibial tray and patellar component) and of instruments (including patient-specific and/or single use cutting guides and instruments). A preoperative planification is made before the surgery based on patient's CT-scan
Sponsor	Symbios Orthopédie SA Avenue des Sciences 1 1400 YVERDON LES BAINS, Suisse
Local representative	Symbios France SAS, Rue d'Arsonval, 14 – 69680 Chassieu, France
Key Collaborators	Dr. Michel Bonnin, Orthopedic surgeon Dr. Tarik Ait Si SELMI, Orthopedic surgeon, Professor Carsten Tibesku, Orthopedic surgeon
Report date	20-MAY-2022
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II. SUMMARY

Clinical Investigation title	Performance and safety evaluation of the ORIGIN® knee prosthesis and the KNEE-PLAN® Set ORIGIN® instruments
Protocol Date / Version:	CLIN-G-008 12.NOV.2018 VERSION 2.0
Study date of initiation	06.DEC.2018
Completion date	Ongoing clinical study –estimated closure date: 01.APR.2029
Brief Introduction	<p>This is a prospective, non-comparative, single arm, multicentric, observational, post-market study. The study is performed in Germany, and in France.</p> <p>434 subjects were implanted within this study with ORIGIN PS System and were included upon eligibility assessment. The enrolment period is completed and had occurred at the time of the medical examination. It was assumed that the subjects' treatments and follow-up visits will be performed per standard of the investigational site in Germany and in France.</p> <p>The 2 years follow-up visits were performed between 06.DEC 2020 to 25.AUG 2021</p> <p>As each implanted subject is to be followed for 10 years, the estimated study duration is approximately about 240months, excluding the time required for preparing the final report. (A loss of approximately 10% is expected at the end of the study)</p> <p>The completion of a clinical investigation will coincide with the last visit of the last subject (supposed to be after 10 years follow-up visit:</p> <ul style="list-style-type: none"> - First patient in: 06.DEC: 2018 - Last patient in: 25.AUG 2020 - And when follow-up is complete for the clinical investigation, expected completion in DEC 2028 (last patient last visit) - Study closure: expected approximate date: APRIL-2029
Study Purpose:	The study objective is to assess clinical safety and device performance outcomes of the ORIGIN System used in routine hospital practice in a large patient cohort treatment of total knee arthroplasty.
Study design:	Observational / Prospective / Multicentric / Non-comparative / Single arm PMCF study
Sample size description	Patients who have provided consent for participating in this study and met the protocol eligibility criteria will be enrolled into this observational non comparative prospective multicentric study.
Statistical Methods	The primary objective of the study is to evaluate the prosthesis revision rate (all reasons of revision) at 10 years. The hypothesis is that the revision rate

	<p>at 10 years of the ORIGIN® prosthesis is equivalent to the revision rate in the state of the art: 7% at 10 years follow-up (survival = 93%).</p> <p>Evaluation of a sample size: (minimum required)</p> <p>A sample size of 139 patients provided 80% power to detect a difference between the preoperative and the postoperative value at each review (3-6 months, 1 year, 3 years, 5 years, 7 years, and 10 years of follow-up) with a two-sided α risk of 5%. The chosen precision is 5%. Assuming a drop-out or loss to follow-up rate of 10%, the calculation of the 5% confidence interval of the survival rate has allowed to estimate the minimum number of procedures to include in this study: the targeted sample size was adjusted to 155 patients.</p> <p>The Kaplan-Meier survival analysis will be used to estimate the cumulative incidence of revision of ORIGIN® knee prosthesis at 10 years of follow-up after the total knee arthroplasty.</p>
<p>Results</p>	<p>The results will be presented in a table containing the following information:</p> <ul style="list-style-type: none"> - Patient population: n=434 - Implanted devices, surgery dates - Demographics, indications and follow-up - Performance results - Safety results
<p>Conclusion</p>	<p>The main objective is to collect relevant clinical data related to pain, knee flexion, the knee function, the quality of life and the performance of implants and instruments.</p> <ul style="list-style-type: none"> • The performance and safety data pertaining to the ORIGIN® PS I devices are consistent with the state of the art – ODEP benchmark (2.5% to 3.5% at 1 year, 4% to 6% at 5 years and 5% to 7% at 10 years): • The revision rate of ORIGIN® PS is 0.9% at 2.7 years of follow-up • As a comparison, the revision rate of FIRST® Fixed (similar and equivalent devices) is 2.3% at 5.8 years of follow-up (as detailed in the CER 5000-07.01) • The clinical data allows to demonstrate the conformity to the General Requirements related to performance and safety, the acceptable benefit/risk profile and the acceptability of side-effects • The benefit/risk profile is acceptable according to current knowledge/state of the art
<p>Report date</p>	<p>20.MAY.2022 (Summary Report)</p>

III. RESULTS

1.1 Devices Description

a) *a description of the study devices*

Implants				
Basic UDI-DI	Symbios reference	Product name	EMDN code	Product class
N/D	5000 1100	ORIGIN PS Femur Cemented	P0909030101	<input checked="" type="checkbox"/> Class III
N/D	5000 310X	ORIGIN PS Fixed Insert	P090903020202	<input checked="" type="checkbox"/> Class III
N/D	5000 2100	ORIGIN PS Fixed Tibia Monobloc Cemented	P090903020104	<input checked="" type="checkbox"/> Class III
Statistics N/D	5000 410X	ORIGIN Patella	P09099001	<input checked="" type="checkbox"/> Class III
Instruments				
Basic UDI-DI	Symbios reference	Product name	EMDN code	Product class
N/D	9000 0031	Drill pin - Ø 3.2 mm x 70 mm	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9000 400X	Stop drill bit	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9000 780X	ORIGIN Patella trial component	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9005 0000	ORIGIN KNEE-PLAN® Guides	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9005 0011	ORIGIN PS Femur Set	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9005 0012	ORIGIN PS Tibia Set	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9005 0013	ORIGIN PS Tibia Modular Set	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9005 0021-25	ORIGIN PS Impaction Set	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9005 0026-30	ORIGIN Impaction Set	N/D	<input checked="" type="checkbox"/> Class IIa
N/D	9000 0019	Drill pin adapter	N/D	<input checked="" type="checkbox"/> Class I
N/D	9000 0003	Resection controller	N/D	<input checked="" type="checkbox"/> Class Ir
N/D	9000 0008	EM alignment rod	N/D	<input checked="" type="checkbox"/> Class Ir
N/D	9000 0010	Pin removal forceps	N/D	<input checked="" type="checkbox"/> Class Ir
N/D	9400 0001	Patella cutting clamp	N/D	<input checked="" type="checkbox"/> Class Ir
N/D	9400 0002	Patella compression clamp	N/D	<input checked="" type="checkbox"/> Class Ir
N/D	9400 2001-05	ORIGIN® Drill tip	N/D	<input checked="" type="checkbox"/> Class Ir
N/D	PD000069	Compression tip	N/D	<input checked="" type="checkbox"/> Class Ir

b) *The intended use of the devices*

Intended use/purpose	The ORIGIN® PS devices including a femoral component, a tibial insert, a tibial tray and a patellar component (optional) are intended to be used in first intention total knee arthroplasty under general anesthesia by trained orthopedic surgeons and their operating team.
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Target population	The ORIGIN® PS devices are intended to be used for performing primary cemented total knee replacement in patients suffering from non-inflammatory degenerative or inflammatory knee joint disease
N patients using the device	Estimated N patients corresponding to the total sales of ORIGIN® PS and devices
Description of the device	The ORIGIN® PS are a postero-stabilized (PS) knee prosthesis Both devices include a cemented femoral component, a fixed tibia insert component (proposed in two thicknesses), a fixed cemented tibial tray component and a cemented patellar component. The implantation of an ORIGIN® requires a specific disposable knee instrumentation (ORIGIN® KNEE-PLAN® Guides, ORIGIN® PS Femur Set, ORIGIN® PS Tibia Set and Knee Impaction Set) as well as conventional instrumentation (ADD-ON Instrumentation). The ORIGIN® KNEE-PLAN® Guides are patient-specific cutting guides with their corresponding bone models. The ORIGIN® PS Femur set and the ORIGIN® PS Tibial set are patient-specific instrumentations used with the Knee Impaction Set, not patient-specific.
Applicable IFU reference	IFU 201 (Implants) IFU 211 (Single-use instruments) IFU 212 (Impaction instruments)

1.2 Clinical Data

Clinical data pertaining to the use of ORIGIN® PS devices are compiled in the following table (Data updated as of 10-MAY-2022), and contain:

- Patient population: n=434
- Implanted devices, surgery dates
- Demographics, indications and follow-up
- Performance results
- Safety results

		country	FR & DE				
			ORIGIN PS PMCF study				
			Clin-G-008 Last update 10.05.2022				
Study	n followed-up		434				
	Status		n	%			
	Deaths		7	1.6%			
	Revised		4	0.9%			
	Unrevised		430	99.1%			
Components and instt	Femoral	ORIGIN® PS Femur Cemented	434				
	Tibial insert	ORIGIN® PS Fixed Insert	434				
	Tibial insert size	6mm	330				
		8mm	84				
	Tibial tray	ORIGIN® PS Tibia Monobloc Cemented	434				
Patellar compon	FIRST® Patella	0					
	ORIGIN® Patella Cemented	118					
Patients, indications and follow-up	Demographics	% males	47%				
		% females	53%				
		Mean age (years)	70.9				
		Mean weight (kg)	80.6				
		Mean height (cm)	168.5				
		Mean Body Mass Index	28.3				
	Indications	Osteoarthritis	90%				
		Avascular necrosis	2%				
		Post laxity	3%				
		Rheumatoid arthritis	1%				
		Post infection	0%				
		Post-traumatic arthritis	4%				
	Follow-up	Other	0%				
		First surgery date	06.12.2018				
		Last surgery date	25.08.2020				
Mean follow-up (years)		2.7					
	Max follow-up (years)	3.4					
Performance and safety	Performance	STEP	Preop	3-6 months	1 Year	3 Years	
		KSS Knee Score / 100	30.3	92.6	95.1	94.9	
		Last FU KSS Knee > 85.5	90.8%				
		KSS Function score / 100	54.3	93.3	96.9	93.0	
		Last FU KSS Function > 72.5	93.8%				
		Knee flexion (degrees)	118.4	121.3	127.5	129.4	
		Forgotten joint score (FJS) /100	15.7	50.6	65.3	69.1	
		Oxford Knee Score / 48	21.6	36.3	40.2	41.0	
		Patients satisfaction / 10	NA	8.6	9.5	8.9	
	Safety	n followed-up		434			
		Intraoperative complications		n	%		
		Fracture		1	0.2%		
		Patellar injury		0	0.0%		
		Patella tendon avulsion		0	0.0%		
		Ligament injury		0	0.0%		
		Other		0	0.0%		
		TOTAL		1	0.2%		
		n followed-up		434			
		Postoperative adverse events		Rev	%	NOT REV	%
		Infection		1	0.2%	0	0.0%
		Progressive arthritis		0	0.0%	0	0.0%
		Femoral aseptic loosening		0	0.0%	0	0.0%
		Tibial aseptic loosening		1	0.2%	0	0.0%
		Patellar aseptic loosening		0	0.0%	0	0.0%
		Pain		0	0.0%	15	3.5%
		Stiffness		1	0.2%	10	2.3%
		Malalignment		0	0.0%	0	0.0%
Instability		0	0.0%	0	0.0%		
Dislocation-subluxation		0	0.0%	0	0.0%		
Periprosthetic fracture		1	0.2%	3	0.7%		
Wear		0	0.0%	0	0.0%		
Tibial lysis/soft tissue reaction		0	0.0%	1	0.2%		
Femoral lysis		0	0.0%	0	0.0%		
Component dissociation		0	0.0%	0	0.0%		
Implant fracture		0	0.0%	0	0.0%		
Patellar clunk / problems		0	0.0%	0	0.0%		
Wound dehiscence		0	0.0%	1	0.2%		
Heterotopic ossification		0	0.0%	0	0.0%		
Insert spin-out		0	0.0%	0	0.0%		
Other reason		0	0.0%	3	0.7%		
TOTAL reasons for revision		4	0.9%	33	7.6%		
TOTAL revision of all ORIGIN components		4	0.9%	NA			
Mean follow-up (years)		2.7					

1.3 Clinical Data - Conclusion

The **ORIGIN® PS** devices are followed-up in a post-market clinical follow-up study (CLIN-G-008). This study is related to **434** primary total knee replacements, performed between 2018 and 2020. Indications are coherent with instructions for use. **The mean follow-up is 2.7 years.**

a) Performance

(a) Implants

The KSS KNEE scores of the **ORIGIN® PS** devices are consistent with the performance claim (KSS KNEE score > 85.2 points) related to pain, mobility, flexion and alignment:

- The KSS KNEE score of the **ORIGIN® PS** devices is significantly improved at 1, and 3 years (mean score: **94.9/100 is excellent**) compared to preoperative value (mean score: **30.3/100 is poor**).
- **The rate of patient with a KSS KNEE higher than 85.2 at 3 years is 90.8%**

The KSS FUNCTION score of the **ORIGIN® PS** devices is consistent with the performance claim (KSS FUNCTION score > 72.5 points) related to walking, stairs and used of walking aids:

- The KSS KNEE score of the **ORIGIN® PS** devices significantly improved at 3 years (mean score: **93/100 is excellent**) compared to preoperative value (mean score: **54.3/100 is poor**).
- **The rate of patient with a KSS KNEE higher than 72.5 at 3 years is 93.8%**

The Oxford Knee Score (pain, walking, stairs) for the **ORIGIN® PS** devices is significantly improved at 3 years (mean score: **41/100 is excellent**) compared to preoperative value (mean score: **21.8/100 is poor**).

The Forgotten Joint Score (perception of the patient about their knee) for the **ORIGIN® PS** devices is significantly improved at 3 years (mean score: **69.1/100 is very good**) compared to preoperative value (mean score: **15.7/100 is poor**).

- **The clinical data are validated for n=434 procedures with a follow-up of more than 2 years.**

(b) Instruments:

The rate of accuracy within $\pm 3^\circ$ for the **ORIGIN® PS** devices is consistent with the performance claim (the femoral component with an accuracy of 75% in the frontal position, and the tibial component with an accuracy of 80% in the frontal position and 65% in the sagittal position:

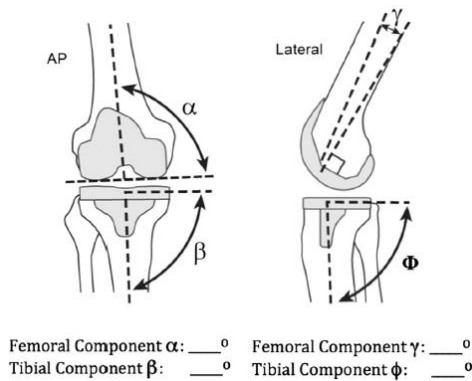
- The rate of accuracy within $\pm 3^\circ$ for the Alpha angle is **96%** (frontal component in the frontal position), for the Beta angle is **92%** (tibial component in the frontal position), and for the Tibial slope is **98%** (tibial component in the frontal position).

The performance claim for the instruments is assessed by the accuracy (within $\pm 3^\circ$) of the implant position:

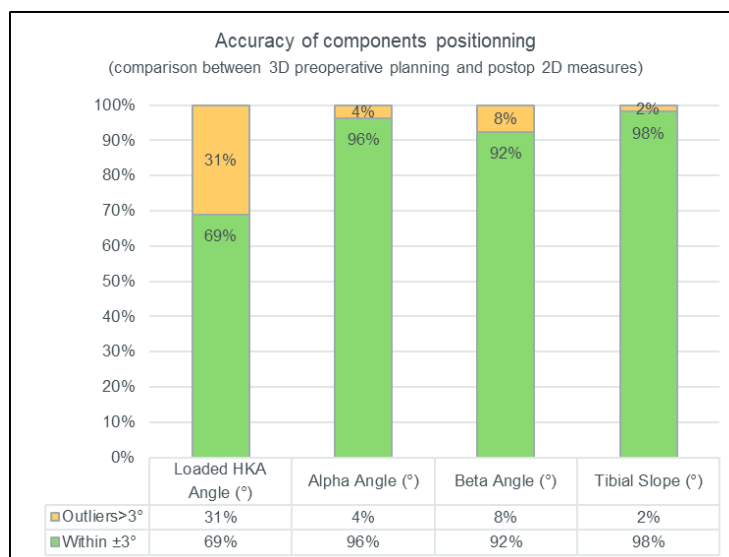
- “To implant the femoral component (within $\pm 3^\circ$), the accuracy is 75% for the frontal position.”
- “To implant the tibial component (within $\pm 3^\circ$), the accuracy is 80 %for the frontal position and 65 % for the sagittal position.”

Regarding the performance of **ORIGIN®** instruments is higher than the expected claim for:

- the femoral component in the frontal position (**96% > 75%**)
- the tibial component in the frontal position (**92% > 80%**) and the sagittal position (**98% > 65%**)



Accuracy within $\pm 3^\circ$	Within $\pm 3^\circ$	Outliers $> 3^\circ$
Loaded HKA Angle (°)	69%	31%
Alpha Angle (°)	96%	4%
Beta Angle (°)	92%	8%
Tibial Slope (°)	98%	2%



According to the Knee Society Radiographic Evaluation System¹ :

¹ Meneghini RM, et al, Development of a Modern Knee Society Radiographic Evaluation System and Methodology for Total

b) Safety

The revision rate of the **ORIGIN® PS** devices is consistent with the state of the art – ODEP benchmark System (2.5% to 3.5% at 1 year, 3.5% to 5.5% at 3 years, 4% to 6% at 5 years and 5% to 7% at 10 years):

Details about per-operative complications (n=1):

→ **Femoral fracture (n=1)**

Details about postoperative complications (n=33) → revisions (n=4)

n followed-up	434			
Postoperative adverse events	Rev	%	NOT REV	%
Infection	1	0.2%	0	0.0%
Tibial aseptic loosening	1	0.2%	0	0.0%
Pain	0	0.0%	15	3.5%
Stiffness	1	0.2%	10	2.3%
Periprosthetic fracture	1	0.2%	3	0.7%
Tibial lysis/soft tissue reaction	0	0.0%	1	0.2%
Wound dehiscence	0	0.0%	1	0.2%
Other reasons	0	0.0%	3	0.7%
TOTAL reasons for revision	4	0.9%	33	7.6%
TOTAL revision of all ORIGIN components	4	0.9%	NA	
Mean follow-up (years)	2.7			

→ **Other reasons (n=3)** → swelling (n=1), progressive arthritis (n=1), low back pain (n=1)

At a mean follow-up of 2.7 year:

→ The per-operative complications (n=1) → revision rate is **0.2%**

→ The postoperative complications (n=4) → revision rate is **0.9%**

The postoperative complications (n=33) rate without revision is 7.6%

- The revision rate of **ORIGIN® PS** devices is **0.9%** at a mean follow-up of 2.7 years.
- The clinical data are validated for n=434 procedures with a follow-up of more than 2 years.

B. Surgeon
1. CV of the approver surgeon

PROF. DR. CARSTEN TIBESKU

BAHNHOFPLATZ 1. 94315 STRAUBING



DIPLOMA

Jahrgang 1972 Schulbildung und Zivildienst in Paderborn/Westfalen
 1992 – 1998 Studium der Humanmedizin in Münster/Westfalen und Zürich/Schweiz
 1999 Arzt im Praktikum in Zentrum für Kniechirurgie, ATOS Klinik, Heidelberg
 2000 – 2005 Facharztausbildung an der Klinik und Poliklinik für Allgemeine Orthopädie der Westfälischen Wilhelms-Universität Münster
 2005 – 2007 Oberarzt an der Klinik für Orthopädie und Rheumatologie der Philipps-Universität Marburg
 2007 – 2017 niedergelassener Arzt und Partner im sporthopaedicum Straubing und Regensburg
 2010 Ernennung zum außerplanmäßigen Professor an der Medizinischen Fakultät der Philipps-Universität Marburg
 seit 2017 niedergelassener Arzt in der KniePraxis Prof. Tibesku, Straubing

MEMBERSHIPS

Gründungsmitglied der European Knee Society (EKS)
 Deutsche Gesellschaft für Endoprothetik (AE)
 European Knee Associates (EKA)
 Deutsche Kniegesellschaft (DKG)
 Deutsche Gesellschaft für Orthopädie und Orthopädische Chirurgie (DGOOC)
 Norddeutsche Orthopädenvereinigung (NOV)
 Vereinigung Süddeutscher Orthopäden (VSO)
 International Affiliate Member of the American Academy of Orthopaedic Surgeons (AAOS)
 European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA)

PUBLICATIONS (KNEE SURGERY ONLY)

<p>1. Reduced joint-awareness in bicruciate-retaining total knee arthroplasty compared to cruciate-sacrificing total knee arthroplasty Baumann F. Krutsch W. Worlicek M. Kerschbaum M. Zellner J. Schmitz P. Nerlich M. Tibesku C. Archives of Orthopaedic and Trauma Surgery (2018) 138:2 (273-279). Date of Publication: 1 Feb 2018</p> <p>2. Proprioception after bicruciate-retaining total knee arthroplasty is comparable to unicompartmental knee arthroplasty</p>	<p>Baumann F. Bahadin Ö. Krutsch W. Zellner J. Nerlich M. Angele P. Tibesku C.O. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA (2017) 25:6 (1697-1704). Date of Publication: 1 Jun 2017</p> <p>3. Total knee arthroplasty with the use of patient specific instruments. The VISIONAIRE system Kniotalendoprothetik mithilfe patientenspezifischer Instrumente. Das VISIONAIRE-System Tibesku C.O.</p>
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Der Orthopäde (2016) 45:4 (286-293). Date of Publication: 1 Apr 2016

4. Validation of the German Forgotten Joint Score (G-FJS) according to the COSMIN checklist: does a reduction in joint awareness indicate clinical improvement after arthroplasty of the knee? Baumann F. Ernstberger T. Loibl M. Zeman F. Nerlich M. Tibesku C. Archives of Orthopaedic and Trauma Surgery (2016) 136:2 (257-264). Date of Publication: 1 Feb 2016

5. Articulating spacers compared to fixed spacers for the treatment of infected knee arthroplasty: A follow-up of 37 cases Skwara A. Tibesku C. Paletta R.J.R. Sommer C. Krödel A. Lahner M. Daniilidis K. Technology and Health Care (2016) 24:4 (571-577). Date of Publication: 2016

6. Measuring tibial component rotation of TKA in MRI: What is reproducible? Heyse T.J. Stiehl J.B. Tibesku C.O. Knee (2015) 22:6 (604-608). Date of Publication: 1 Dec 2015

7. Improved tibial component rotation in TKA using patient-specific instrumentation Heyse T.J. Tibesku C.O. Archives of Orthopaedic and Trauma Surgery (2015) . Date of Publication: 1 Apr 2015

8. Measuring tibial component rotation of TKA in MRI: What is reproducible? Heyse T.J. Stiehl J.B. Tibesku C.O. Knee (2015). Date of Publication: 30 Sep 2014

9. A comparison of conventional and patient-specific instruments in total knee arthroplasty Daniilidis K. Tibesku C.O. International Orthopaedics (2014) 38:3 (503-508). Date of Publication: March 2014

10. Improved femoral component rotation in TKA using patient-specific instrumentation Heyse T.J. Tibesku C.O. Knee (2014) 21:1 (268-271). Date of Publication: January 2014

11. Benefits of using customized instrumentation in total knee arthroplasty: Results from an activity-based costing model Tibesku C.O. Hofer P. Portegies W. Ruys C.J.M. Fennema P. Archives of Orthopaedic and Trauma Surgery (2013) 133:3 (405-411). Date of Publication: March 2013

12. Frontal plane alignment after total knee arthroplasty using patient-specific instruments Daniilidis K. Tibesku C.O. International Orthopaedics (2013) 37:1 (45-50). Date of Publication: January 2013


13. Femoro-tibial kinematics after TKA in fixed- and mobile-bearing knees in the sagittal plane Daniilidis K. Höll S. Gosheger G. Dieckmann R. Martinelli N. Ostermeier S. Tibesku C.O. Knee Surgery, Sports Traumatology, Arthroscopy (2013) 21:10 (2392-2397). Date of Publication: October 2013

14. Different compartments, different operation: A comparison of the technique and indications for medial and lateral unicompartmental knee arthroplasty Heyse T.J. Reinhardt K. Tibesku C.O. Mayman D.J. Pearle A.D. Techniques in Knee Surgery (2012) 11:4 (189-194). Date of Publication: December 2012

15. Highly conforming polyethylene inlays reduce the in vivo variability of knee joint kinematics after total knee arthroplasty Daniilidis K. Skwara A. Vieth V. Fuchs-Winkelmann S. Heindel W. Stückmann V. Tibesku C.O. Knee (2012) 19:4 (260-265). Date of Publication: August 2012

16. In vitro kinematics of human native knees a database of 60 specimens Labey L. Bellemans J. Chevalier Y. El-Zayat B. Fuchs-Winkelmann S. Heesterbeek P. Heyse T. Kowalczewski J. Okon T. Pianigiani S. Tibesku C. Vandenneucker H. Victor J. Wymenga A. Innocenti B. Journal of Biomechanics (2012) 45 Supplement (S394). Date of Publication: 1 Jul 2012

2. Declaration of interest of the approver surgeon




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1400 YVERDON LES BAINS
Switzerland


Declaration on Interests of the approver surgeon

I hereby declare the following conflicts of interests:

Employment by the manufacturer (SYMBIOS Orthopédie SA)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Participation as a monitor in clinical studies of the device	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Participation as an investigator in clinical studies of the device ¹	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Participation in pre-clinical testing of the device (cadaver testing)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Grants sponsored by the manufacturer	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Travelling or hospitality (beyond what is reasonably necessary for the work)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Interest in connection with the manufacturing of the device or its constituents	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Interest in connection with intellectual property (patents, copyrights, royalties)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Name : Carsten TIBESKU
 Function : Orthopaedic surgeon
 Date : 01.10.2021
 Signature : 

APPROVAL BY THE MANUFACTURER:

Name : Nicolas GUIGNET
 Function: VP Regulatory Affairs & Quality
 Date : 11-oct-2021
 Signature : 

¹ CLIN-G-008 study (ORIGIN® knee prosthesis and the KNEEPLAN® Set ORIGIN® instruments)

3. Approval of the document by the orthopaedic surgeon

Approval of the document by an orthopaedic surgeon

FIRST NAME: CARSTEN

LAST NAME: TIBESKU

SPECIALTY: ORTHOPÄDIE, SPORTMEDIZIN, PHYSIKALISCHE THERAPIE,
MANUELLE THERAPIE, SPEZIELLE SCHMERZTHERAPIE

HOSPITAL: KNIENPRAXIS

CITY: STRAUBING

COUNTRY: GERMANY

EXPERIMENTED USER OF ORIGIN® DEVICES: YES NO

SURGEON'S COMMENTS (not mandatory):

Date:

20.05.2022

Signature:

