



## BGOrthopedic advertisement.

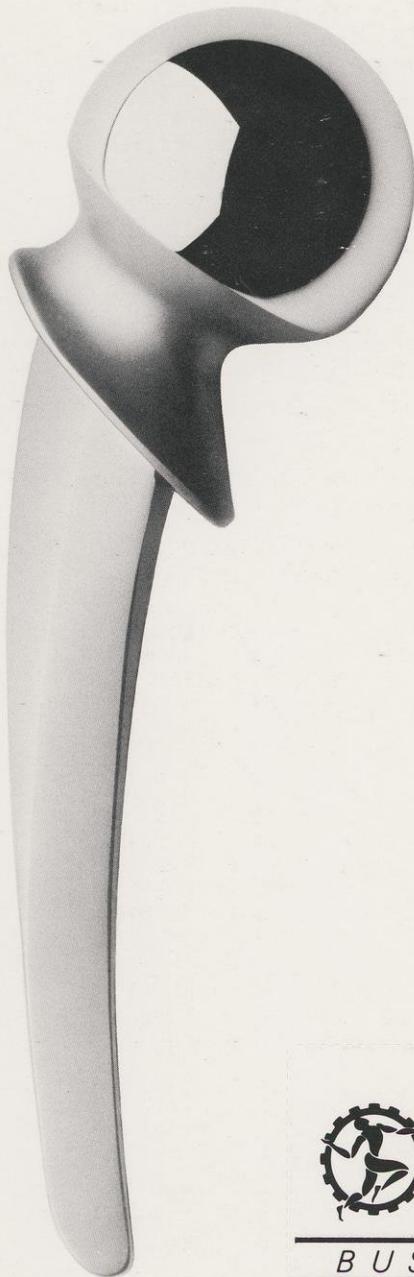
[s.l.]: [s.n.], 1974

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# Thompson

## hip prosthesis

- made of Francobal® cobalt-chromium alloy
- broad collar enhances stability
- neck design increases available range of motion
- solid hexagonal stem permits use of bone cement
- complete range of head diameters
- prostheses are serialized for long-term documentation

Catalog Number	Head Size (Diam.) mm	Head Size (Diam.) inches	Stem Length mm	Stem Length inches
2055	38	1 1/2	105	4 1/8
	41	1 5/8		
	43	1 11/16		
	44.5	1 3/4		
	46	1 13/16		
	47.5	1 7/8		
	49	1 15/16		
	51	2		
	52.5	2 1/16		
	54	2 1/8		
	57	2 1/4		
	60	2 3/8		
	63.5	2 1/2		



B U S I N E S S R E P L Y M A I L

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Permit No.  
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Metuchen, N. J.

*BG Orthopedic*  
CORPORATION

20 Highland Avenue  
Metuchen, New Jersey 08840



Widely accepted hip prostheses from B G Orthopedic Corporation

# Moore

## solid, straight stem hip prosthesis

- made of Francobal® cobalt-chromium alloy
- solid I-beam stem permits use of bone cement
- tapered stem design facilitates removal, should future total hip surgery be required
- 10 head sizes in increments of 1/16"
- prostheses are serialized for long-term documentation



Catalog Number	Head Size (Diam.) mm inches	Stem Length mm inches
2020	38 1 1/2	165 6 1/2
	41 1 5/8	
	43 1 11/16	
	44.5 1 3/4	
	46 1 13/16	
	47.5 1 7/8	
	49 1 15/16	
	51 2	190 7 1/2
	52.5 2 1/16	
	54 2 1/8	

**BG ORTHOPEDIC CORPORATION**  
Metuchen, New Jersey 08840, 201/494-2991

Please send additional information on:

- Hip Prostheses
- Total Hips Prostheses
- Guepar Total Knee Prosthesis
- Comprehensive Product/Price List
- Have a special service representative call for an appointment

Dr. \_\_\_\_\_

Specialty \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



Widely accepted hip prostheses from B G Orthopedic Corporation



# Moore

## regular stem

## self-locking

## hip prosthesis

- made of Francobal® cobalt-chromium alloy
- minimal bone removal
- fenestrated stem, in 3 convenient lengths
- 10 head sizes to satisfy every patient need
- prostheses are serialized for long-term documentation

Catalog Number	Head Size (Diam.) mm inches	Stem Length mm inches
2030	38 1 1/2	125 5
	41 1 5/8	
	43 1 11/16	
	44.5 1 3/4	
	46 1 13/16	140 5 1/2
	47.5 1 7/8	
	49 1 15/16	
	51 2	150 6
	52.5 2 1/16	
	54 2 1/8	

*BG Orthopedic*  
CORPORATION  
20 Highland Avenue  
Metuchen, New Jersey 08840



Widely accepted hip prostheses from B G Orthopedic Corporation



# Moore straight stem self-locking hip prosthesis

- made of Francopal® cobalt-chromium alloy
- long, straight I-beam stem, fenestrated, in 2 convenient lengths
- increased surface contact for greater stability
- 10 head sizes, for virtually every patient's needs
- prostheses are serialized for long-term documentation

Catalog Number	Head Size (Diam.) mm	Head Size (Diam.) inches	Stem Length mm	Stem Length inches
2010	38	1 1/2	165	6 1/2
	41	1 5/8		
	43	1 11/16		
	44.5	1 3/4		
	46	1 13/16		
	47.5	1 7/8		
	49	1 15/16		
	51	2	190	7 1/2
	52.5	2 1/16		
	54	2 1/8		



# Vidal Proximal Femoral Replacement System

for cases requiring  
resection of the  
upper femoral  
extremity.



**BG Orthopedic**  
Corporation

P.O. Box 518  
Cheshire, Connecticut 06410  
203/272-0338

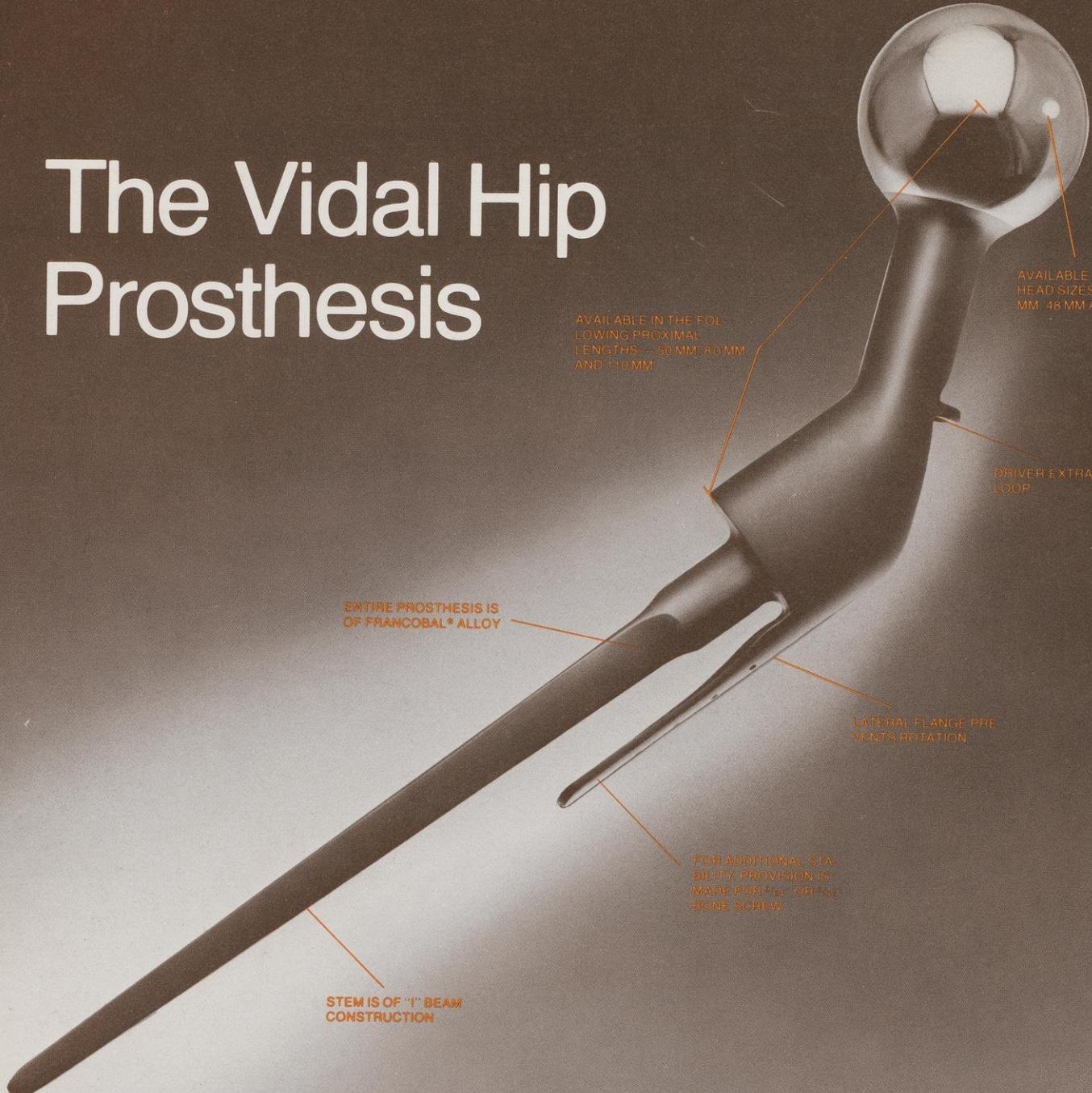
Please send:

- Product/Procedure — Vidal Total Hip and Endoprosthesis
- Comprehensive product/price list
- Please have a special service representative call for an appointment

Name \_\_\_\_\_

Address \_\_\_\_\_

# The Vidal Hip Prosthesis

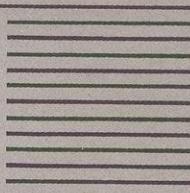


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For additional information contact:



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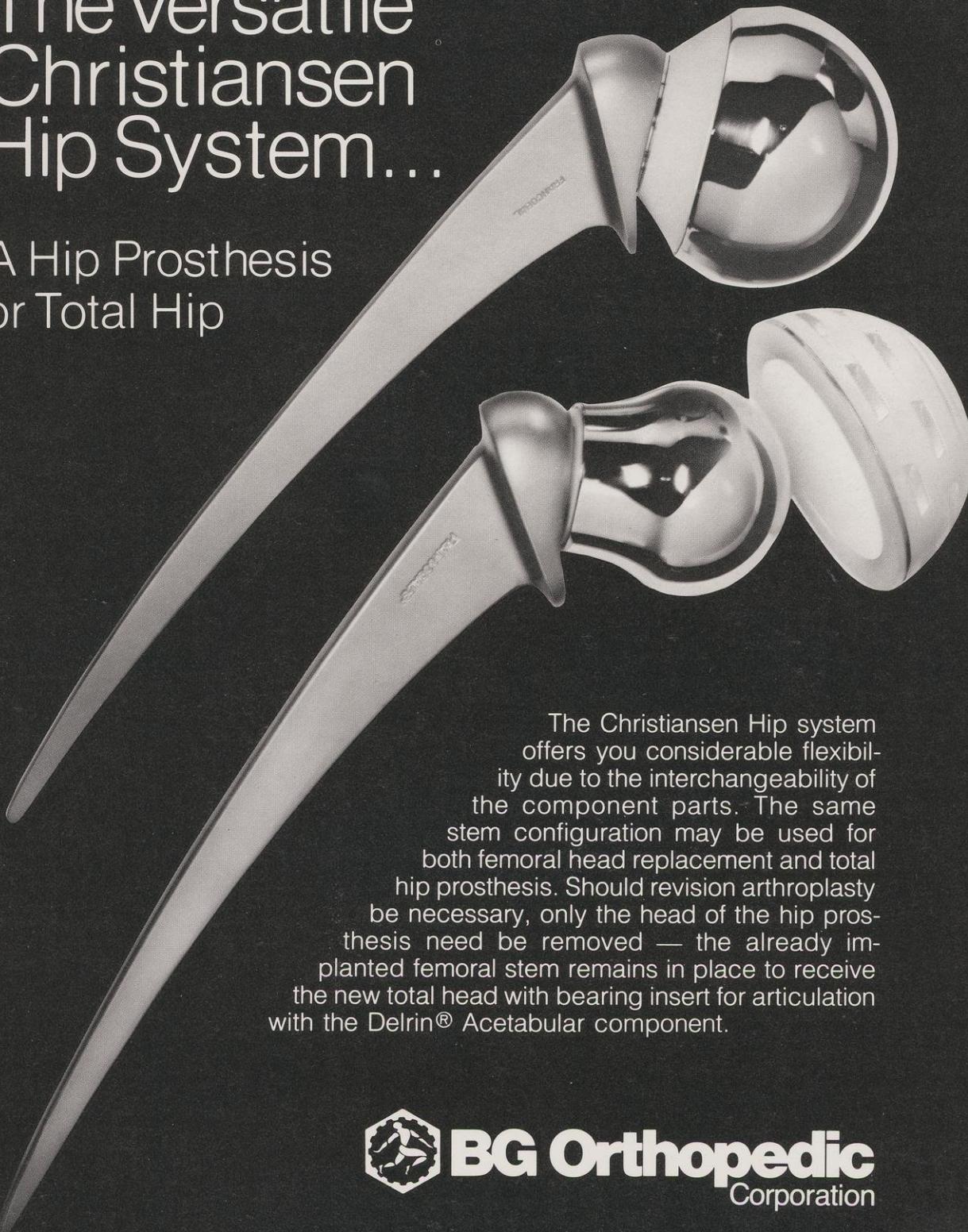
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In over 5000 cases

The versatile  
Christiansen  
Hip System...

A Hip Prosthesis  
or Total Hip



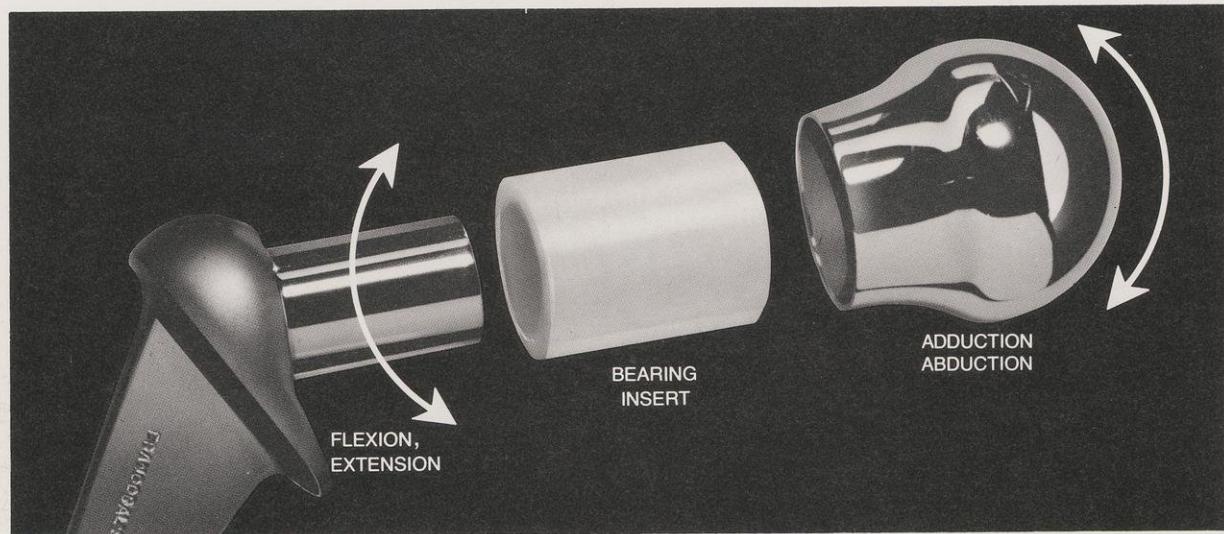
The Christiansen Hip system offers you considerable flexibility due to the interchangeability of the component parts. The same stem configuration may be used for both femoral head replacement and total hip prosthesis. Should revision arthroplasty be necessary, only the head of the hip prosthesis need be removed — the already implanted femoral stem remains in place to receive the new total head with bearing insert for articulation with the Delrin® Acetabular component.



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Corporation

# The Christiansen Hip System with Trunnion Bearing

Reduces the wear heretofore imposed on the articulating surfaces of the prosthetic head and acetabulum.



## Biomechanical Rationale of the Trunnion Bearing:

" . . . By applying purely mechanical principles when constructing hip prostheses, it is possible to reduce the friction between the prosthetic head and the acetabulum or the acetabular socket to a considerable extent. This is obtained by introducing a trunnion-bearing between the prosthetic stem and the head-piece. This principle has been followed in the construction of the present combined endo- and total prosthesis. Using trunnion-bearing, one transfers a point load to linear load with a correspondingly longer life span for the bearing. The advantage of trunnion-bearing is further illustrated by the fact that today, ball-bearings have to a large extent been replaced by cylinder (roller) bearings for industrial purposes. This tallies with the in vivo finding. There has been no sign of wearing down of the trunnion-bearing in prostheses in this type removed as late as 5 years following implantation in the patients . . . ".<sup>1</sup>

# Christiansen Trunnion Bearing Hip Replacement System



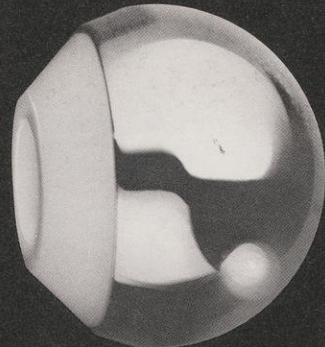
Straight, Moore type self-locking stem.

Solid stem — for use with bone cement — Four sizes available.

Total head — three neck lengths — 37 mm Outer Diameter.

Endoprosthetic head — Seven sizes — 42 mm to 54 mm — Outer Diameter in 2 mm increments.

Acetabular component — 37 mm Inner Diameter, 47 mm and 51 mm Outer Diameter.



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121 Carver Avenue, Westwood, New Jersey 07675 201/666-4010

Please send:

- Comprehensive product/price list.
- Product and procedure brochure on Christiansen Hip System.
- Procedure — Trapezo metacarpal arthroplasty.
- Please have a special service representative call for an appointment.

Name \_\_\_\_\_

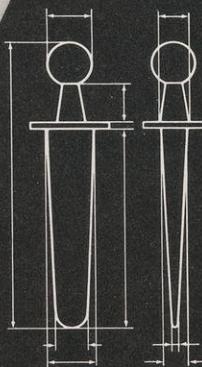
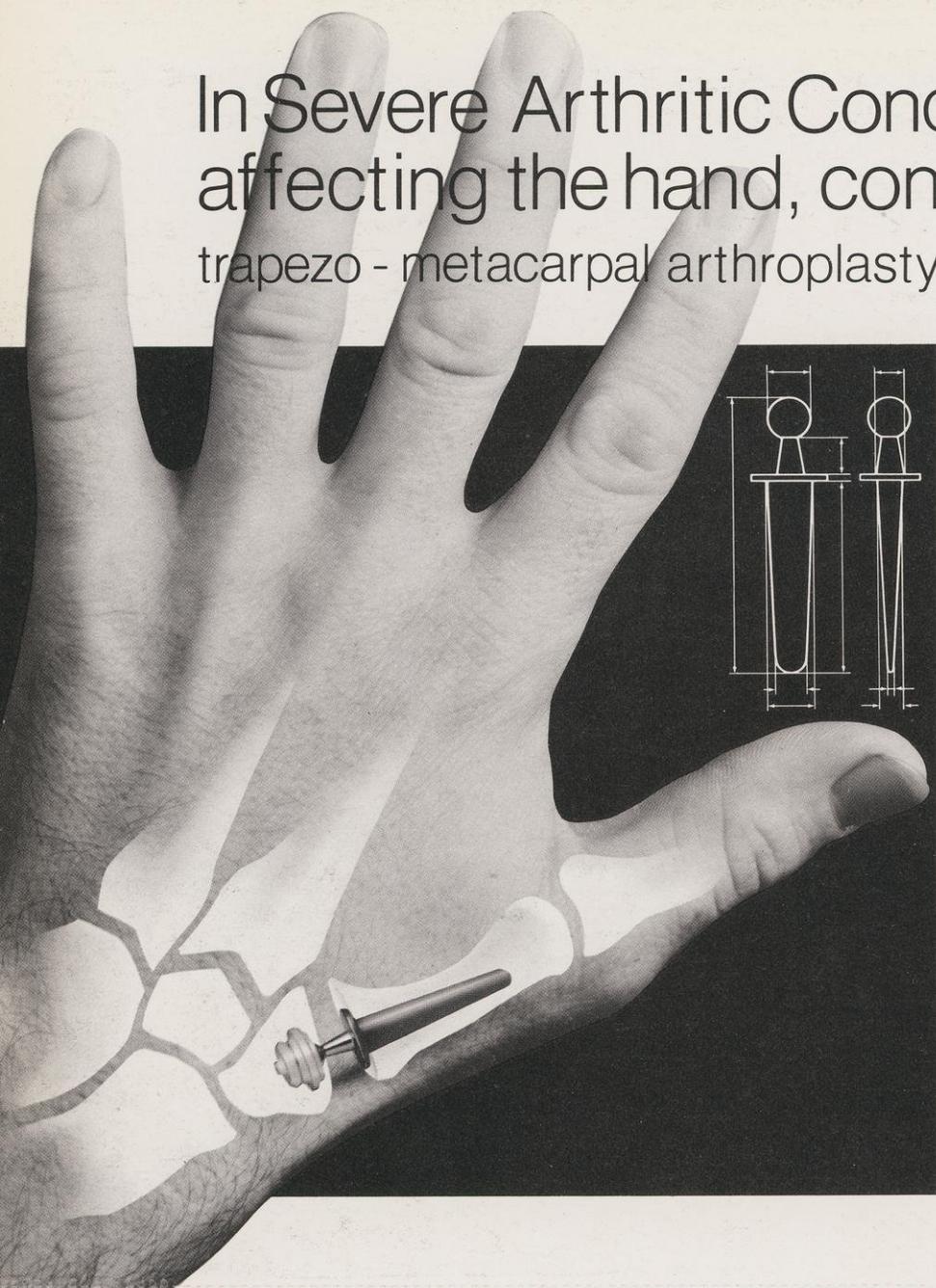
Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

# In Severe Arthritic Conditions affecting the hand, consider... trapezo - metacarpal arthroplasty



This prosthesis permits length preservation of the first carpo-metacarpal column facilitating restoration of normal muscle tension and functional ability.

The trapezo-metacarpal prosthesis developed by Doctor J. Y. de la Caffinière has the following design features:

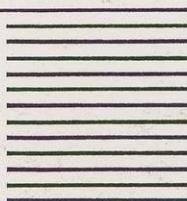
- Retention, UHMPE trapezium component for stability, low friction and 85° available range of motion.
- Francobal® alloy metacarpal component for strength and body compatibility.

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Personalized Service for Orthopedic Practice



# Announcing a new, advanced stem design for the **Müller** **Type** **Total Hip** **Prosthesis**

made of Francobal® cobalt chromium alloy  
and RCH 1000 high-density polyethylene



**BG Orthopedic**  
Corporation

# Now... a redesigned stem for better stress distribution

## Müller Type Total Hip Prosthesis

made of Francobal® cobalt chromium alloy  
and RCH 1000 high-density polyethylene

- Straighter stem—10° more valgus
- Heavier distal stem provides strength without bulk in high-stress area
- Broad medial stem surface provides a better buttress for the cement-bone interface to resist cement cracking and subsequent medial migration of the prosthesis
- New design enables a single-size stem to fit most patients
- Two additional acetabular cup sizes now available
- Three neck lengths, four acetabular cups to meet the needs of virtually every patient
- Instrumentation unchanged

*New design manufactured with the  
approval of M. E. Müller, MD*

Previous  
Design

New  
Design



**BG Orthopedic**  
Corporation



## Müller Total Hip System from BG Orthopedic Corporation

### 4625 Müller Standard Cup

### 4630 Müller Small Cup

### 4654 Müller Large Cup

### 4658 Müller Extra Large Cup

Cup	O.D. in	Cup	O.D. in	Cup	O.D. in	Cup	O.D. in
	$1\frac{5}{16}$		49		$2\frac{1}{8}$		58
	49		$1\frac{3}{4}$		54		$2\frac{1}{4}$

### 4600 Müller Total Hip Prosthesis short neck

Head	Dia. in	Stem	Lgth. mm	Neck	Lgth. mm
	$1\frac{1}{4}$	32	$4\frac{3}{8}$	112	$1\frac{1}{16}$

### 4610 Müller Total Hip Prosthesis long neck

Head	Dia. in	Stem	Lgth. mm	Neck	Lgth. mm
	$1\frac{1}{4}$	32	$4\frac{3}{8}$	112	$1\frac{5}{8}$

### 4620 Müller Total Hip Prosthesis regular neck

Head	Dia. in	Stem	Lgth. mm	Neck	Lgth. mm
	$1\frac{1}{4}$	32	$4\frac{3}{8}$	112	$1\frac{3}{8}$

### Instrumentation

**4601 Müller Trial Prosthesis** short neck

**4611 Müller Trial Prosthesis** long neck

**4621 Müller Trial Prosthesis** regular neck

**4635 Müller Rasp** with alignment bar

**4636 Müller Cup Positioning Instrument** with abduction/anteverision guide available with:

**4636-1** nylon tip with collar

**4636-2** metal tip only

**4637 Pushing Instrument** with nylon tip



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8

Please send:

- Comprehensive product/price list.
- Product brochure on Müller Total Hip Prosthesis.
- Product brochure on Hip Prosthesis.
- Product and procedure brochure on Guepar Total Knee Prostheses.
- Please have a special service representative call for an appointment.

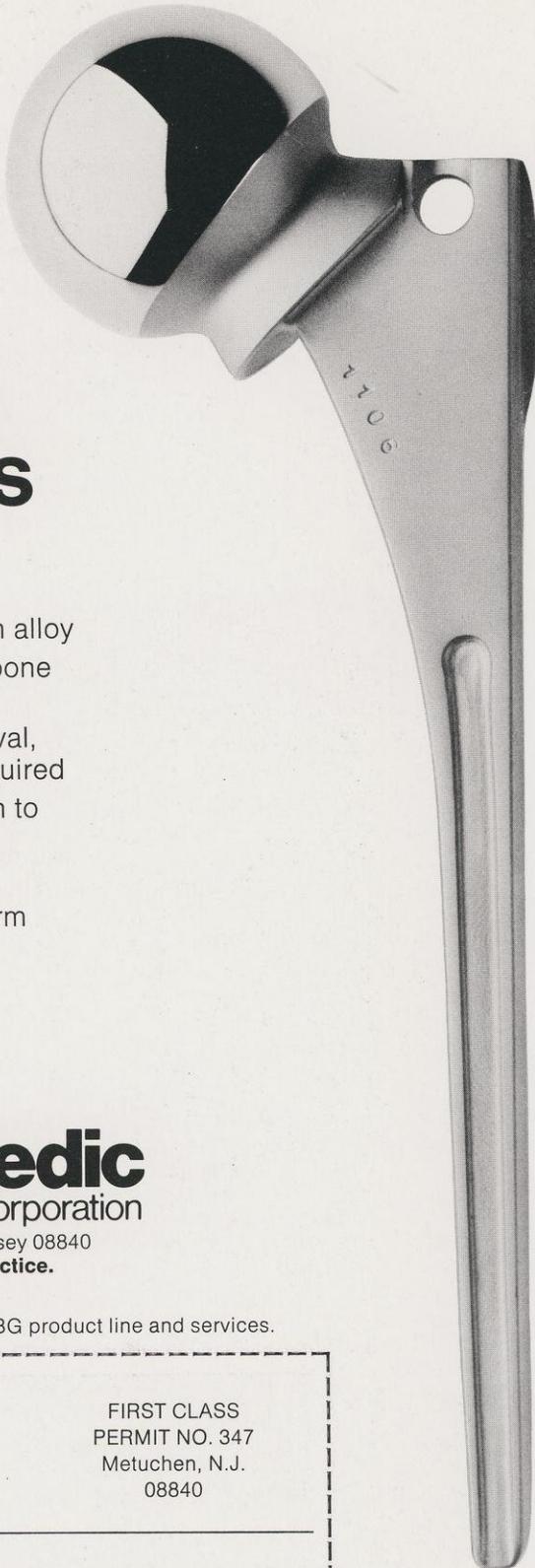
Name \_\_\_\_\_

Address \_\_\_\_\_



# Moore solid, straight stem Hip Prosthesis

- made of Francobal® cobalt-chromium alloy
- solid I-beam stem permits use of bone cement
- tapered stem design facilitates removal, should future total hip surgery be required
- stem configuration facilitates revision to currently accepted total hip designs
- head sizes in increments of 1/16"
- prostheses are serialized for long-term documentation



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**Personalized service for orthopedic practice.**

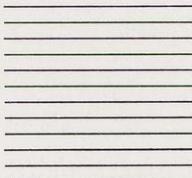
Please mail free reply card to learn more about the BG product line and services.

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