FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Ty	pe Response	es)																	
1. Name and Address of Reporting Person * Rooke Andrew K.					2. Issuer Name and Ticker or Trading Symbol MRI INTERVENTIONS, INC. [MRIC]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner							
(Last) C/O MRI) INTERVI	(First) ENTIONS		(Middle) 5 MUSIC	3. Da	ate of Earl	iest	Transac	ction ((Month/D	ay/Ye	ar)		Office	r (give title belo	w)	Other	specify below	v)
				_	4. If Amendment, Date Original Filed(Month/Day/Year)							_X_ Form fil	ual or Joint/o	rting Pers	on		Line)		
	, CA 92618													Form file	ed by More than	One Repo	orting Person		
(City)	7)	(State)		(Zip)		,	Γal	ble I - N	on-D	erivative	Secur	ities A	Acq	uired, Disp	osed of, or I	Benefic	ially Owi	ied	
(Instr. 3) Date (Month/Day/Year) an		Executi any	Execution Date, if				(A) or Disposed of (D) (Instr. 3, 4 and 5)			Beneficial		of Securities ly Owned Following Fransaction(s) d 4)		6. Ownership Form: Direct (D) or Indirect	Benefi Owner	ct cial ship			
								Code	V	Amount	(A) or (D)	Pric	ce				(I) (Instr. 4)	,	.,
Common	Stock		09/30/2	2016				A		638	A	\$ 6.65 (1)	5	26,181 ⁽²⁾			D		
Common	Stock													210,000			I	By tru	ıst
Common	Stock													4,657 (3)			I	By tru	ıst
Common	Stock													4,657 (3)			I	By tru	ıst
Common	Stock													4,657 ⁽³⁾			I	By tru	ıst
Common	Stock													4,657 (3)			I	By tru	ıst
Common	Stock						Ì							2,601 (3)			I	By tru	ıst
Common	Stock													2,601 (3)			I	By tru	ıst
Common	Stock													2,601 (3)			I	By tru	ıst
Common	Stock													2,601 (3)			I	By tru	ıst
Common	Stock						T						-	2,601 (3)			I	By tru	ıst
Common	Stock						Ť						-	2,601 (3)			I	By tru	ıst
Common Stock											-+	2,601 (3)			I	By tru	ıst		
Common Stock					Ť						-	2,601 (3)			I	By tru	ıst		
Common	Stock													12,353 (4)			I	By Withi	
Common	Stock													12,500			I	By Pa Partne	iyne
Common	Stock													51,455			I	By Ro Fiduc Mana	
Reminder: I indirectly.	Report on a	separate lin	e for eacl	h class of se	curities	beneficial	ly o	owned d	irectly	y or									
									co	ntained	in thi	is for	m a	to the colle are not req rently valid	uired to re	spond	unless	SEC	1474 (9- 02)
				Table II		tive Secu								ially Owned	I				
Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security			3A. Deeme Execution any (Month/Da	ed Date, if	4. Transacti Code	on	5. Numl of	ber 6. an ive (Nes ed	. Date Exo nd Expira Month/Da	ercisal tion D	ole ate	7. Aı Uı Se	Title and mount of nderlying ecurities nstr. 3 and	8. Price of Derivative Security (Instr. 5)	Deriva Securit Benefi Owned Follow Report	tive (Cies Ficially I in Sing I ed cotion(s) (Cies Ficially I in Sing I in S	form of Derivative ecurity: Direct (D) r Indirect	11. Natur of Indirec Beneficia Ownersh (Instr. 4)
														Amount or					

						Date	Expiration	Title	Number			ĺ
						Exercisable	Date		of			l
		Code	V	(A)	(D)				Shares			l

Reporting Owners

Barrada Orana Nama / Addana	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
Rooke Andrew K. C/O MRI INTERVENTIONS, INC. 5 MUSICK IRVINE,, CA 92618	X							

Signatures

/s/ Richard F. Mattern, by Power of Attorney for Andrew K. Rooke	10/04/2016		
Signature of Reporting Person	Date		

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- These shares were issued pursuant to the issuer's Amended and Restated 2013 Incentive Compensation Plan, in payment of fees owed to the reporting person under such (1) plan. The shares were issued at a price of \$6.65 per share, representing the volume-weighted average price of the issuer's common stock for the five-trading day period ended September 30, 2016.
- (2) This amount corrects a typographical error, which inadvertently overstated the reporting person's holdings, in the previously filed Form 4.
- (3) This amount corrects a calculation error in connection with the issuer's 1-for-40 reverse stock split, which inadvertently overstated the reporting person's holdings, by one share in each instance, in the previously filed Form 4.
- (4) This amount corrects a calculation error in connection with the summation of the reporting person's holdings in a previously filed Form 4.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.