

Maruishi Pharmaceutical



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Attention: This presentation material is solely for the purpose of introducing our business activities to prospective business partners and NOT for the purpose of providing medical information to healthcare providers or patients.
® represents trademark registered in Japan.



Specialized Fields of Activity

1888~	JP drugs	
1978	STERIHYDE®	high level disinfection
1985	WELPAS®	alcohol-based hand rub
1990	SEVOFRANE®	inhalation general anesthetic
1994	STERISCOPE®	high level disinfection for endoscopes
1995	ULTANE®	SEVOFRANE's world brand by AbbVie
2002	BREVIBLOC®	β 1 blocker
2003	Propofol "Maruishi"	intravenous general anesthetic
2004	PRECEDEX®	α 2 agonist for ICU sedation
2007	WELLUP® Hand Lotion	alcohol-based hand rub
2008	POPSCAINE®	local anesthetic
2010	WELCEPT®	alcohol-based hand rub
2011	WELFOAM®	alcohol-based hand rub



Drugs for Perioperative Period



Intended Use	Classification	Maruishi's Product/ under Development
Loss of Consciousness	Inhalation Anesthetic	✓ sevoflurane (SEVOFRANE®)
	Intravenous Anesthetic	✓ propofol (1%/2% Propofol Inj. "Maruishi")
	Sedative / Hypnotic	✓ dexmedetomidine (PRECEDEX®) ✓ diazepam (HORIZON®)
Analgesia	Local Anesthetic	✓ lidocaine (Lidocaine Injection) ✓ levobupivacaine (POPSCAINE®)
	Analgesic (Non-narcotic)	✓ pentazocine (SOSEGON®) ✓ RQ-0000007 (MR10A7) ✓ CR-845 (MR13A9)
Muscle Relaxation	Muscle Relaxant	✓ vecuronium (Muscurate® Intravenous)
Others	Hypotensive Drug	✓ nitroprusside (Nitopuro® Intravenous)
	β-blocker	✓ esmolol (BREVIBLOC® injection)
	Reverse	✓ flumazenil (flumazenil injection)



Types of Disinfection

HLD: High Level Disinfectant
 ILD: Intermediate Level Disinfectant
 LLD: Low Level Disinfectant

	Maruishi's main Products	Use for					
		human			instruments		environment
		hand	mucus/ membranes	Intact skin	endoscope	others	floor, wall, doorknob, etc.
HLD	glutaraldehyde (STERIHYDE [®] , STERIHYDE [®] L, STERISCOPE [®])				X	X	
ILD	benzalkonium (WELPAS [®])	X					
	chlorhexidine (WELLUP [®] , MASKIN [®] ETHANOL)	X	X			X	
	iodine (PREPODYNE [®])		X				
	hypochlorite (Milkpon [®])					X	
LLD	chlorhexidine (MASKIN [®])	X	X	X		X	X
	benzalkonium (GERMITOL [®])	X	X	X		X	X
Others	benzalkonium (WELPAS MILD [®])	X					



For Business Development

R&D Pipeline



Project	Origin	Indication	Feature	Licensed Territory	Stage
MR10A7	RaQualia (Pfizer)	Acute pain control	EP4 receptor antagonist injection	Japan China Taiwan Korea	JP: PC
MR11A8	Faron	ARDS	Interferon β -1a injection	Japan	EU: PhII JP: PhII
MR13A9	Cara	Acute pain control, Uremic pruritus	Kappa-opioid receptor agonist	Japan	US: PhII JP: PI
MRQ-01	Kyukyu Pharma	Cancer pain	Oral transmucosal film	Japan	PhII
Popsaine®	UCB (Celltech)	<indication expansion> Infiltration anesthesia		Japan	PhII

Areas of Interest - Partnering



We are looking for...

1. Perioperative Drugs

- Drugs prescribed by Anesthesiologists, such as Anesthetics (general/local), Sedatives, **Analgesics**, Muscle relaxants, **Anti-emetics**.
- Drugs with effects of the above (additional indication development)

2. Healthcare-Associated Infection Control Agents

- Antiseptics, Disinfectants
- New packaging material, New excipients (moisturizer, etc.)

3. DDS Technologies

- New routes of administration, controlled-release, etc.

We can offer...

4. Contract Manufacturing

- Oral jelly products (formulation study included), Alcoholic products



Thank you
We look forward to working together with you
for improved quality of life

For partnering, please contact :

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