

The background of the cover is a blue-tinted photograph of medical supplies. In the upper right, a hand holds a syringe. Below it, a stethoscope is visible. In the center, there are several pills and capsules. The background is overlaid with abstract geometric shapes: a large blue rounded rectangle, a light blue rounded rectangle, and a series of thin white diagonal lines.

# PRODUCT LIST

 **SHIN POONG PHARM. CO., LTD.**  
SEOUL, KOREA

# SHIN POONG PHARM CO., LTD.

Shin Poong Pharm. Co., Ltd is a R&D oriented multinational pharmaceutical company headquartered in Seoul, South Korea, with 7 manufacturing site worldwide with global partners in over 59 countries. Main focusing areas are CV, CNS, surgical wound care, musculoskeletal and anti-infective.

Under the management philosophy of 'for the health of the people', Shin Poong Pharm. Co., Ltd. specializes in manufacturing remedy drugs with sincere efforts put into producing every single tablet of life-saving drugs ranging from ingredients to finished products based on our state-of-the-art manufacturing facilities and quality assurance system. We are committed to realizing the spirit of Shin Poong 3V (Vision, Venture and Victory) with top-notch competitiveness based on in-house ingredient synthesizing technologies obtained through rigorous R&D efforts and to further developing the company into the one that receives confidence from our customers and that contributes to promoting the wellbeing of human beings.

## INTRODUCTION

Shin Poong Pharmaceutical Co., Ltd. KGMP Factories

### QUALITY ASSURED MEDICINES FROM KGMP FACTORY



Shin Poong renovated its production facilities in 1984 in compliance with Korean GMP. The company is producing high quality pharmaceutical preparations including tablet, capsule, powder, injection, ampoule injection, syrup and ointment under the unified manufacturing process. The company keeps investment on modern and innovative production facilities and machinery not only to ensure the high quality of the products but also to improve efficiency in production.

### THE NEW GMP PYRAMAX FACTORY (EU GMP)



In 2008, Shin Poong has completed the new plants for API and finished products to produce PYRAMAX, which is a fixed-dose combination of ACT for malaria treatment. These are GMP plants in compliance with EMA. The facilities are applied a state-of-the-art technology for manufacturing pharmaceutical products and they are equipped with the most advanced computerized system.

## THE BIGGEST & DEDICATED PRODUCTION FACILITY FOR PENICILLINS IN KOREA



Shin Poong established a dedicated plant for penicillins in 2002 complying with Korean GMP. The facility has capability of producing various types of dosage forms such as tablet, capsule, syrup and injection of penicillin antibiotics. In order to ensure the stability of penicillin antibiotics, the temperature and humidity in all areas of the factory are controlled automatically by automatic controlling system (HVAC), thereby enabling to produce most qualified products at GMP standard.

## THE DEDICATED FACTORY FOR CEPHALOSPORIN



In 2013, Shin Poong established one of the biggest Cephalosporin plant in Korea under KGMP. The facility serves various type of dosage forms such as tablet, capsule and injection. To assure the stability of Cephalosporin antibiotics, the temperature and humidity in all factory area are automatically controlled by HVAC, thereby enabling to provide the best quality products.

## API PRODUCTION LINE IN COMPLIANCE WITH KGMP



Shin Poong has also been operating the API production line strictly complying with Korean KGMP ever since it was established. Through the endeavors of R&D laboratory activities, Shin Poong has succeeded in commercial production of more than 20 varieties of pharmaceutical bulks such as Praziquantel in 1983, Ceftriaxone in 1995, Loxoprofen in 1997, Doxi\_uridine in 1998 and Ceferam pivoxil in 2006. As a result of operating its own BGMP factory, Shin Poong is able to supply high quality preparations as well as qualified raw materials to overseas customers.

# Innovative Pipelines(Marketed)



## MEDICURTAIN

*Surgical adhesion barrier*

Composition: Sodium hyaluronate 10mg/1mL, HES 5mg/1mL  
Indication: To prevent or reduce post surgical adhesion formation after hysteroscopic (gynecology), abdominal, spinal, thyroid and nasal/sinus surgeries.

Dosage and administration: Refer to the brochure for detail  
Remark: Proven superiority by novel formulation, global patents, CE & German FSC certified. (See the brochure for detail)



## EzeRosu Tab.

*Hypercholesterolemia*

Composition: Ezetimibe / Rosuvastatin (10/5mg, 10/10mg, 10/20mg)  
Indication: Primary hypercholesterolemia  
Dosage and administration: qd, 1 tablet at once

Remark: Enhanced efficacy with less dosage of statin, patients accompanied by diabetes, 3 pivotal clinical studies. (See the brochure for detail)



## CandeAmlo Tab.

*Hypertension*

Composition: Candesartan cilexetil / Amlodipine besylate (8/5mg, 16/5mg, 16/10mg)  
Indication: Essential hypertension that is not controlled by monotherapy of candesartan and amlodipine

Dosage and administration: qd, 1 tablet at once  
Remark: Proven superiority in BP modulation with less adverse events, patented, 5 pivotal clinical studies. (See the brochure for detail)



## HYAL FORTE

*HA Viscosupplement Inj*

Composition: Sodium hyaluronate 20mg /2mL  
Indication: Osteoarthritis of knee and periartthritis of shoulder  
Dosage and administration: Once a week, 3 weeks continuously in knee and shoulder joint

Remark: Leading product in Korea. (See the brochure for detail)

# Strategic Core-Products

Brand Name	Composition	Indication	Dosage	Remark
<b>Hypertention/arrhythmia treatment</b>				
<b>Lozarsin Plus Tab.</b>	Losartan potassium 50mg Hydrochlorothiazide 12.5mg	Hypertension that is not controlled by monotherapy	1tab, qd	
<b>Amlovaltan Tab.</b>	Amlodipine besylate 5mg Valsartan 80mg	Essential hypertension that is not controlled by monotherapy of valsartan or amlodipine	1tab, qd	
	Amlodipine besylate 5mg Valsartan 160mg			
<b>Amlovaltan Tab.</b>	Amlodipine besylate 10mg Valsartan 160mg			
<b>Hytoppin Tab.</b>	S-amlodipine nicotinate 2.5mg	1. Hypertension 2. Myocardial ischemia due to stable occlusion of coronary artery (stable angina) or vasospasm of coronary vasculature (variant angina)	1tab, qd (max : S-amlodipine 5mg/day)	
<b>Cancetil Tab.</b>	Candesartan cilexetil 8mg	1. Essential hypertension 2. heart failure	1. Essential hypertension: 8~16mg, qd 2. Heart failure: 4mg, qd (max : 32mg) Refer to insert paper	
	Candesartan cilexetil 16mg			
<b>Cancetil Plus Tab.</b>	Hydrochlorothiazide 12.5mg Candesartan cilexetil 16mg	Essential hypertension that is not effective in monotherapy	1tab, qd with or w/o food	
<b>Antithrombotic</b>				
<b>Beracle Tab.</b>	Beraprost sodium 0.02mg	1. Improvement of ulcer, pain and chill associated with chronic arterial occlusive disease 2. Primary pulmonary hypertension	1. Improvement of ulcer, pain and chill associated with chronic arterial occlusive disease: administer 0.12mg(6 Tab.) daily in 3 divided doses(2 Tab. at a time) Refer to insert paper	
<b>Hivix Tab.</b>	Clopidogrel Bisulfate 97.875mg (75mg as Clopidogrel)	1. Improvement of atherosclerosis in patients with ischemic stroke, myocardial infarction or peripheral arterial disease 2. Improvement of atherosclerotic symptoms in patients with Acute Coronary Syndrome (ACS) Refer to insert paper	1tab, qd Refer to insert paper	
<b>Penicillin antibiotics</b>				
<b>Clamoxin Inj. (IV)</b>	Amoxicillin sodium 500mg Potassium clavulanate 100mg	Acute and chronic bronchitis, Large lobar and bronchopneumonia, empyema, lung abscess, tonsillitis, sinusitis, otitis media, cystitis, urethritis, pyelonephritis, septic abortion, puerperal sepsis, pelvic infection, chancroid, gonorrhea, boils and abscesses, cellulitis, wound infection, intra-abdominal sepsis, peritonitis, osteomyelitis, sepsis, infection after surgery	Adult : once 1.2g every 8 hours, every 6hrs in case of severe infections, IV 3 month to 11 yrs. old : 30mg/kg every 8 hrs, every 6hrs in case of severe infections, IV	
	Amoxicillin sodium 1g Potassium clavulanate 200mg		Adult : 1.2g every 8 hrs, IV (Severe : every 6hrs) 3 month to 11 yrs. old : 30mg/kg, every 8 hrs, IV (Severe : every 6hrs)	
<b>Clamoxin Dry Syr.</b>	Amoxicillin sodium 25mg Clavulanic acid 6.25mg		Mild to moderate : 20mg/5mg/kg, divided 3 times/day (0.8mL per kg) Severe : 40mg/10mg/kg, divided 3 times/day (1.6mL per kg)	
<b>Clamoxin Duo Syr.</b>	Amoxicillin sodium 40mg Clavulanic acid 5.7mg		Mild to moderate : 25mg/3.6mg/kg, divided 2 times/day (0.625mL per kg) Severe : 45mg/6.4mg/kg, divided 2 times/day (1.125mL per kg)	
<b>Clamoxin Neo Dry Syr.</b>	Amoxicillin sodium 54,545mg Clavulanic acid 7.8g	1. Recurrent or persistent acute otitis media in pediatric patients. 2. Recurrent acute sinusitis in pediatric patients.	Children over 3 months old : 90mg/kg/day divided every 12 hrs (acute otitis media : 10days, acute rhinosinusitis : 7days)	

# Strategic Core-Products

Brand Name	Composition	Indication	Dosage	Remark
<b>Clamoxin Dispersible Tab. 250mg (For syrup)</b>	Amoxicillin sodium 200mg, Potassium clavulanate 50mg	Acute & chronic bronchitis, lobar and bronchopneumonia, empyema, lung abscess, tonsillitis, sinusitis, otitis media, cystitis, urethritis, pyelonephritis, septic abortion, postpartum sepsis, pelvic infection, ductal impairment, gonorrhea, boils and abscesses, soft tissue salts, wound infections, peritonitis, osteomyelitis, sepsis, intraabdominal sepsis, dental infection	1. Age from 7 to 11 yrs : 1tab tid q8hrs (severe : 375mg) 2. Age from 3 to 6 yrs : 156.25mg tid, q8hrs (severe : 312.5mg) 3. From 9 months to 2 yrs : 78.125 mg tid, q8hrs.	Remarkable convenience in storage & stability for children
<b>Clamoxin Duo Tab.</b>	"Amoxicillin sodium 437.5mg Potassium clavulanate 62.5mg"	Acute and chronic bronchitis, Large lobar and bronchopneumonia, empyema, lung abscess, tonsillitis, sinusitis, otitis media, cystitis, urethritis, pyelonephritis, pelvic infection, gonorrhea, boil and abscesses, cellulitis, wound infection, osteomyelitis, dental infection	Adult: once 2 tablets every 12hrs, PO	
<b>Lynbactam Inj. (IV)</b>	Piperacillin sodium 2g, Tazobactam 0.25g Piperacillin sodium 4g, Tazobactam 0.5g	Adults : lower respiratory infection, urinary infections except prostatitis, intraperitoneal and intestinal gallbladder infections, skin infections, fever and infections of neutropenic patients, bacterial sepsis	Adult : 4.5g tid (Max 18g/day). IV drip infusion	
<b>Bactacin Inj. (IV or IM)</b>	Ampicillin sodium 500mg, Sulbactam sodium 250mg Ampicillin sodium 1,000mg, Sulbactam sodium 500mg	Upper and lower respiratory infection, Bacterial pneumonia, urinary tract infection and pyelonephritis, intraabdominal infection, bacterial sepsis, skin infections and cellulitis, Bone and Joint Infections, gonorrhea, Prevent infection after surgery	Adult : 0.5-3g tid or qid(Max 4g/day), IV or IM Pediatric : 60~150mg/kg divided 3-4 times/day	
<b>Cephalosporin Antibiotics</b>				
<b>Ceftazole sodium Inj. (IV or IM)</b>	Ceftazole sodium 1g	Sepsis, pneumonia, lung abscess, bronchitis, bronchiectasis (infection), secondary infection of chronic respiratory disease, peritonitis, pyelonephritis, cystitis, urethritis	Adult : 0.5-4g(titer)/day, divided 1-2 times a day, IV or IM Pediatric : 20-80mg(titer)/kg/day, divided 1-2 times a day, IV or IM	
<b>Zenocef Inj. (IV)</b>	Cefazedone sodium 1g	Urinary tract infection, cholangitis, intrauterine infection, adnexitis, gynecological infections, skin and soft tissue infections, bone and joint infections, prevention of surgical infection, treatment of occult infection	G(+) infections : 1-2g(titer)/day, divided 2-3 times a day, IV G(-) infections : 3-4g(titer)/day, divided 2-3 times a day, IV	
<b>Ceftacin Inj. (IV)</b>	Cefmetazole sodium 1g	Sepsis, bronchitis, secondary infection of chronic respiratory diseases, peritonitis, pyelonephritis, cholecystitis, cystitis, abdominal infection, gynecological infection and etc.	Adult : 1-2g(titer)/day, divided 2 times a day, IV or IV drip Pediatric : 25-100mg(titer)/kg, divided 2-4 times, IV or IV drip	
<b>Shincef Inj. (IV or IM)</b>	Cefuroxime sodium 0.75g Cefuroxime sodium 1.5g	Acute /chronic bronchitis, bronchiectasis, bacterial pneumonia, pulmonary abscess, post-operative infection on chest sinusitis, tonsillitis, pharyngitis, etc	Adult : 750mg, tid, IV or IM (severe : 1.5g) Pediatric : 30-100mg/kg, divided 3-4 times a day, IV or IM	
<b>Varucefa Inj. (IV)</b>	Ceftizoxime sodium 1g	Sepsis, infectious endocarditis, bronchitis, secondary infection of chronic respiratory diseases, pneumonia, pulmonary pyogenesis, empyema, cholecystitis, secondary infection of wound and burn, peritonitis, pyelonephritis, cystitis, meningitis and etc.	Adult : 0.5-1g(titer), divided 2-4 times a day, IV Pediatric : 40-80mg(titer)/kg/mg, divided 2-4 times a day, IV	
<b>Cefotaxime Sodium Inj. (IV or IM)</b>	Cefotaxime sodium 1g	Pneumonia, bronchitis, secondary infection of chronic respiratory disease, pyelonephritis, urethritis, gonorrhea, sepsis, meningitis, postoperative secondary infection and etc.	Adult : 1-2g/day, divided 2 times a day, (max : 12g/day), IV or IM Pediatric : 50-100mg/kg/day, divided every 6-12hrs, IV	
<b>Cefaxone Inj. (IV or IM)</b>	Ceftriaxone sodium 250 mg Ceftriaxone sodium 500mg Ceftriaxone sodium 1g	Respiratory tract infections, ENT infections, genital and gonococcal infections, sepsis, meningitis, peri-operative prophylaxis, peritonitis, etc	Adult and Pediatric over 12 yrs. Old : 1-2g, qd, IV or IM (severe : up to 4g) Newborn(within 14 days) : 20-50mg/kg, qd Chidren(15days-12yrs) : 20-80mg/kg, qd	
<b>Tazicef Inj. (IV or IM)</b>	Ceftazidime 500mg, 1g	Sepsis, meningitis, pneumonia, pleurisy, empyema, lung abscess, bronchiectasis (infection), bronchitis, pulmonary infections in cystic fibrosis patients, otitis media, malignant otitis externa, mastoid stone giyeom, sinusitis, ear and throat infections, pyelonephritis, prostatitis, cystitis, urethritis	Adult : 0.5-2g, bid or tid, IV or IM Pediatric : 30-100mg/kg divided 2-3 times a day, IV or IM Newborn(under 2 months) : 25-60mg/kg divided 2 times, IV or IM	

# Strategic Core-Products

Brand Name	Composition	Indication	Dosage	Remark
<b>Aminoglycoside antibiotics</b>				
<b>Gentamicin Inj. (IV or IM)</b>	Gentamicin sulfate 80mg/2mL	Sepsis, central nervous system infections, urinary tract infections, respiratory infections, gastrointestinal infections, skin and soft tissue infections, etc	Adult : 3mg/kg/day, every 8 hrs, IV or IM, Pediatric : 6-7.5mg/kg/day, every 8 hrs, IV or IM New born babies : 5mg/kg/day, every 12 hrs, IV	
<b>Neticin Inj. (IV or IM)</b>	Netilmicin sulfate 100mg/2mL	Genitourinary tract infections, dermal tissue infections, lower tract infections, sepsis, fracture infections, intraabdominal infections, burns, wounds and postoperative infection prevention	Adult : urinary tract infection; 3-4mg/kg divided 2 times a day, IM or IV Pediatric (6 weeks to 12 yrs. old): 5.5-8.0mg/kg divided 2-3 times a day, IM or IV Newborn and babies: 4.0-6.5mg/kg divided 2 times a day, IM or IV	
	Netilmicin sulfate 150mg/1.5mL			
<b>Amikacin Sulfate Inj. (IV or IM)</b>	Amikacin sulfate 250mg/2mL	Sepsis, bronchiectasis, pneumonia, bone and joint infections, skin and soft tissue infections, peritonitis, postoperative infection, etc	15mg/kg divided 2-3 times a day, IV or IM	
	Amikacin sulfate 500mg/2mL			
<b>Quinolone antibiotics</b>				
<b>Lefocin Inj. (IV)</b>	Levofloxacin 250mg/50mL	Community acquired pneumonia(CAP), complicated urinary tract infections including acute pyelonephritis, acute bacterial skin and soft tissue infections, acute sinusitis, and Chronic bronchitis (acute bacterial exacerbation)	Pneumonia : 500mg, qd or bid, IV drip Complicated Urinary tract infections : 250mg, qd, IV drip Refer to insert paper	
	Levofloxacin 500mg/100mL			
	Levofloxacin 750mg/150mL			
<b>Moxiroc Inj. (IV)</b>	Moxifloxacin 400mg	1) Respiratory infections : Acute sinusitis, acute exacerbation of chronic bronchitis, pneumonia 2) Skin and soft tissue infection 3) Merged intraabdominal infection	Adults : IV for more than 1 hour Refer to insert paper	
<b>Qupron Inj. (bag)</b>	Ciprofloxacin HCl 200mg/100mL	Respiratory tract infection, oral cavity, tooth, jaw, ear, nose, throat infection, kidney or urinary tract infection, genital infection including gonorrhoea	100-400mg, bid, IV Refer to insert paper	
	Ciprofloxacin HCl 400mg/200mL			
<b>Other antibiotics</b>				
<b>Spectinomycin Inj. (IM)</b>	Spectinomycin 2g	Acute gonorrhoeal urethritis(male), acute gonorrhoeal cervicitis(female), acute gonorrhoeal proctitis	2-4g, IM Refer to insert paper	Globally proven quality & competitiveness
<b>Lincomysin Inj. (IV or IM)</b>	Lincomycin HCl 600mg/2mL	Furuncle, cellulitis, felon, erysipelas, bronchitis, impetigo, pneumonia, mastitis, otitis media, osteomyelitis, arthritis, bacterial endocarditis, sepsis, scarlet fever, etc	IM : 300~600mg, bid IV : 600~1,000mg divided 2-3 times a day Refer to insert paper	
<b>Anticancer</b>				
<b>Bretra Tab.</b>	Letrozole 2.5mg	1. First line treatment of postmenopausal women with estrogen or progesterone receptor positive or hormone receptor-unknown, locally advanced or metastatic breast cancer 2. Advanced breast cancer in postmenopausal women with disease progression following antiestrogen therapy 3. Extended adjuvant therapy of postmenopausal women with estrogen or progesterone receptor positive or hormone receptor-unknown, early breast cancer following 5 years of tamoxifen adjuvant therapy 4. Adjuvant therapy of postmenopausal women with hormone receptor positive early breast cancer	1tab, qd Refer to insert paper	See the Brochure

# Strategic Core-Products

Brand Name	Composition	Indication	Dosage	Remark
<b>Irefinon Tab.</b>	Gefitinib 250mg	Treatment of adult patients with locally advanced or metastatic non-small cell lung cancer (NSCLC) with activating mutations of EGFR-TK	1tab, qd orally	
<b>Anthelmintics</b>				
<b>Distocide Tab.</b>	Praziquantel 600mg	All kinds of human pathogenic flukes, various types of tapeworm infectious diseases	Liver fluke : 25mg/kg, tid, for 1 day Pulmonary distomatosis : 25mg/kg, tid, for 2 days	
<b>Analgesics and anti-inflammatories</b>				
<b>Diclofenac Sodium Inj. (IM)</b>	Diclofenac Sodium 75mg/3mL	Osteoarthritis, rheumatoid arthritis, ankylosing spondylitis	75mg, qd, IM (severe : 75mg bid)	
<b>Rosiden Inj. (IM)</b>	Piroxicam 20mg/1mL	Rheumatic arthritis, osteoarthritis, ankylosing spondylitis, acute musculoskeletal disorders, acute gout and dysmenorrhea, etc	20mg, qd, IM	
<b>Loxfen Tab.</b>	Loxoprofen sodium 60mg	Chronic rheumatoid arthritis, degenerative arthropathy, back pain, post-operative/post-traumatic and post-operative inflammatory pain	1tab, bid or tid	No.1 prescription in Korea
<b>Loxfen CR Tab.</b>	Loxoprofen sodium 90mg	Chronic rheumatoid arthritis, degenerative arthropathy, back pain, periarthritis, cervicitis syndrome	1tab, bid	Incrementally modified drug of Loxfen Tab.
<b>Tramadol HCl Inj. (IV or IM)</b>	Tramadol HCl 50mg/1mL	Severe and moderate acute/chronic pain, postoperative pain	50-100mg at once, IV or IM (max : 400mg/day)	
<b>Paceta Inj. (IV or IM)</b>	Propacetamol HCl 1g	Post-surgical pain, pain caused by cancer, fever caused by infectious and malignant diseases	1-2g at once, every 4hrs, 2-4 times(max : 8g/day), IV or IM	
<b>Muscle relaxants</b>				
<b>Relaxamine Inj. (IV or IM)</b>	Gallamine triethiodide 10mg	1. Painful muscle spasm associated with musculoskeletal disorders: Spondyloarthritis, bursitis, fibromyalgia, spondylitis caused by low back pain and diaphragm, joint disease 2. Muscle spasm due to nervous system diseases	10-20mg at once for 3 days every 8-12hrs	
<b>Orpheraxin Inj. (IV or IM)</b>	Orphenadrine citrate 60mg/2mL	Physical use and aid in relieving acute pain conditions in skeletal muscles	60mg at once every 12hrs	
<b>Osteoporosis treatment</b>				
<b>BoniM Tab.</b>	Ibandronic acid 150mg	Treatment and prevention of osteoporosis in postmenopausal women.	1 tablet a month	See the Brochure
<b>BoniM Inj. (IV)</b>	Ibandronic acid 3mg	Treatment and prevention of osteoporosis in postmenopausal women.	3mg at once for 15-30 seconds, once every 3 month	
<b>Hormonal</b>				
<b>Triam Inj. (IV or IM)</b>	Triamcinolone acetonide 40mg/1mL	1. Alopecia areata (cure of local hair loss) 2. Intraarticular injection: rheumatoid arthritis, bursitis 3. Intramuscular injection: endocrine disorders, rheumatic disorders, collagen diseases, dermatological diseases (Keloid Scar), allergic disease, eye diseases, gastrointestinal diseases, blood diseases	Refer to insert paper	No.1 prescription in Korea, broad indications
<b>Respiratory system solvent</b>				
<b>Roisol Inj. (IV or IM)</b>	Ambroxol HCl 15mg/2mL	Acute / chronic respiratory diseases caused by mucus secretion disorders, acute / chronic bronchitis, asthmatic bronchitis, sinusitis	15mg at once, 2-3 times a day, IM or slowly IV, IV infusion Refer to insert paper	
<b>Antihistaminic</b>				
<b>Ebadrine SR Cap.</b>	Ebastine 10mg Pseudoephedrine 120mg	Treatment of vasomotor, allergic rhinitis and cold-related rhinitis symptoms	qd	



# Strategic Core-Products

Brand Name	Composition	Indication	Dosage	Remark
<b>Levocen Tab.</b>	Levocetirizine HCl 5mg	Seasonal allergic rhinitis or multi-annual allergic rhinitis, chronic idiopathic urticaria, dermatitis with itching, and eczema relief	Adults and children over 6 yrs. old : qd	
<b>Levocen Sol.</b>	Levocetirizine HCl 0.5mg in 1mL		Adults and children over 6 yrs. old : qd, 10mL Children age between 2 to 6: qd, 2.5mL, bid	
<b>Gastro Intestinal</b>				
<b>Misell Tab.</b>	Misoprostol 200µg	Prevention and treatment of stomach, duodenitis, stomach and duodenal ulcer due to stomach, duodenal ulcer, nonsteroidal anti-inflammatory analgesic	qid for 4-8 weeks, oral at the time of meal and qhs. Refer to insert paper	
<b>Extreme Tab.</b>	Pantoprazole sodium sesquihydrate 20mg	Treatment of mild reflux esophageal disease and related symptoms, long-term maintenance therapy to prevent the recurrence of reflux esophagitis, the case of gastric duodenal ulcer due to NSAID in patients who need continuous NSAID administration	qd Refer to insert paper	
	Pantoprazole sodium sesquihydrate 40mg	Duodenal ulcer, gastric ulcer and reflux esophagitis	qd Refer to insert paper	
<b>Tiram Inj. (IV or IM)</b>	Tiropamide HCl 50mg/3mL	Biliary colic, abdominal colic, kidney / ureter colic, gastrointestinal motility disorder, gallstone, cholecystitis, postoperative adhesions	For adults, administer 50mg(3mL) of Tiropamide HCl I.M. or I.V. See insert for full information	
<b>Treatment for liver disease</b>				
<b>Liveract Infusion Inj. (IV)</b>	L-Ornithine-L-Aspartate 5g/10mL	Detoxification of the following severe liver disease : liver cirrhosis, chronic hepatitis, hepatic (coma and pre-comatose stage)	Chronic infection: 2-4 ampules a day cirrhosis(mild symptom: 1-4 ampules, moderate~severe (encephalopathy): up to 8ampules	
<b>Liveract Inj. (IV)</b>	L-Ornithine-L-Aspartate 500mg/5mL	Detoxification of the following severe liver disease : hepatitis, post hepatitis syndrome, tissue injury and liver cirrhosis	During early treatment stage, gradually increase 1g per day, for severe cases, increase up to 2g per day	
<b>Udicom Cap.</b>	Ursodeoxycholic acid 50mg, Biphenyl Dimethyl Dicarboxylate 125mg	Chronic persistent hepatitis with elevated SGPT	1 capsule, tid, orally, p.c.	
<b>CNS</b>				
<b>Cerebrain Inj. (IV)</b>	Protirelin tartrate 0.732mg/1mL	<ol style="list-style-type: none"> <li>Pituitary thyroid stimulating hormone (TSH) secretion function test</li> <li>Persistent consciousness disorders caused by the following diseases(except for coma and semicomatose) <ol style="list-style-type: none"> <li>head trauma.</li> <li>subarachnoid hemorrhage (In 3 weeks after onset of symptoms)</li> </ol> </li> <li>Improvement ataxia caused by spinocerebellar degeneration</li> </ol>	Pituitary thyroid stimulating hormone (TSH) secretion test: 1vial at once, I.V. or hypodermically. Refer to insert paper.	
<b>Citicoline Inj. (IV or IM)</b>	Citicoline Monosodium 500mg	Consciousness disorder caused by head trauma and brain surgery, Parkinson's disease, especially with cases of progressive (shaking) symptoms in combination with anticholinergic therapy (Refer to insert paper)	100-500mg at once, 1-2 times a day. Refer to insert paper	
<b>Alzcholine Soft Cap.</b>	Choline Alfoscerate 400mg	Secondary symptom and degeneration due to cerebrovascular disease or degenerative organic mental disorders. · Changes in emotion and behavior · Pseudodementia	Once one capsule, two or three times a day Can increase in quantity under doctor's control if necessary.	
<b>Carna Tab.</b>	Acetyl-L-carnitine HCl 590mg	Primary degenerative disease or Secondary degenerative diseases due to cerebrovascular disease.	take one tablet two or three times daily.	

# Strategic Core-Products

Brand Name	Composition	Indication	Dosage	Remark
<b>Hemostatics</b>				
<b>Tranexamic Acid Inj. (IV)</b>	Tranexamic acid 500mg/5mL	<ol style="list-style-type: none"> <li>Bleeding tendency associated with systemic hyperfibrinolysis (leukemia, aplastic anemia, purpura, cancer, etc. and intraoperative and postoperative abnormal bleeding)</li> <li>Abnormal bleeding associated with topical hyperfibrinolysis (pulmonary hemorrhage, genital bleeding, renal bleeding, abnormal bleeding during and after prostate surgery)</li> </ol>	For adults, 250~500mg/day of tranexamic acid is usually administered I.V. or I.M. once or in two divided doses. See insert for full information.	
<b>Ointment &amp; cream for external application</b>				
<b>Gentrisone Cream</b>	1g of Betamethasone dipropionate 0.64mg, Clotrimazole 10mg, Gentamicin sulfate 1mg	Bacterial or fungal infection, or possible infection with corticoid reactive cutaneous disorder.	Twice a day, morning and night, apply small amount of cream on and around lesion and rub lightly.	Globally branded best-seller for broad spectrum dermatitis
<b>Rosiden Gel.</b>	Piroxicam 5mg/g	Arthritis deformans, peri-arthritis, tendonitis, tenosynovitis, peritendinitis, radiohumeral epicondylitis(tennis elbow etc.), myalgia and traumatic swelling.	"Apply Rosiden Gel 3 to 4 times daily to the affected lesion."	
<b>Anemia treatment</b>				
<b>Actinamide Inj. (IM)</b>	Cobamamide 1mg/2mL	Vitamin B12 deficiency, prevention and treatment of malignant anemia	500-1,000mcg	
<b>Nutrition and vitamin infusion</b>				
<b>Neopham Inj. 250mL (IV)</b>	L-Leucine and 15 composition, amino acid concentration 7.86%	Improvement of encephalopathy caused by chronic liver disorder	IV 500mL at once, injection rate is based on longer than 180 minutes	
<b>Antasol Inj. 250mL (IV)</b>	L-Leucine and 16 composition, Amino acid concentration 7.61%			
<b>Potasol Inj. 250mL (IV)</b>	L-Leucine and 14 composition, amino acid concentration 6.15%	Improvement of encephalopathy caused by acute / chronic liver disorder, diffusion of amino acids in patients with liver disorders	Adults (based on 70kg): 1-1.5L in 1 day, IV at the rate of 2mL/kg/hr	
<b>Liversol Inj. (IV)</b>	250mL : L-Isoleucine and 14 composition, amino acid concentration 8.25% 500mL : L-Isoleucine and 14 composition, Amino acid concentration 8% 40g/500mL		500-1,000mL once, IV, at the rate of 180-300 minutes per 500mL	
<b>Anosol Inj. (IV)</b>	250mL : L-Leucine and 14 composition, amino acid concentration 9.12% 500mL: L-Leucine and 14 composition, Amino acid concentration 8.5% 42.5g/500mL	Amino acid supplementation in the following conditions: hypoproteinemia, low nutritional status, preoperative and postoperative	1-1.5g/kg for 1 day maximum, IV Refer to insert paper	
<b>Estiamine Inj. (IV &amp; IM)</b>	Fursultiamine HCl 50mg/10mL	Prevention and treatment of vitamin B1 deficiency	Daily dose of 5~100mg as fursultiamine should be administered by SC, IM or IV injection.	
<b>Anti-Viral agent</b>				
<b>Shinpoongflu Cap.</b>	Osetamivir 30mg	Influenza A and B virus infection treatment and vaccine	bid for 5 days orally	
	Osetamivir 45mg			
	Osetamivir 75mg			
<b>Shinpoongflu Powder Oral Suspension</b>	Osetamivir phosphate 6mg/mL			Expected in 2019

# Strategic Core-Products

Brand Name	Composition	Indication	Dosage	Remark
<b>Viriteno Tab.</b>	Tenofovir disoproxil fumarate 300mg	Chronic hepatitis B, HIV-1 infection	1 tab, qd with or w/o food	Patent should be checked country by country
<b>Antimuscarinic</b>				
<b>Urofenacin Tab.</b>	Solifenacin succinate 5mg	Treatment of overactive bladder	5mg once daily. If the 5mg dose is well tolerated, the dose may be increased to 10mg once daily, with or w/o food.	
	Solifenacin succinate 10mg			
<b>Dental Oral Drugs</b>				
<b>Helteeth F Cap.</b>	Ascorbic Acid 97% Granules 154.64mg (150mg as ascorbic acid) Carbazochrome 2mg Lysozyme Chloride 30mg Tocopherol Acetate 50% 10mg	Gingivitis after periodontal treatment, adjuvant treatment of mild to moderate periodontitis	1 tab, tid, with food	
<b>Vitamins</b>				
<b>Varocomin Gold Tab.</b>	Nicotinic acid amide 100mg, Riboflavin 15 mg, 0.1% cyanocobalamine powder 12 mg, 33.3% thiamine nitrate powder 45mg, Calcium pantothenate 20mg, folic acid 0.4mg, Pyridoxine hydrochloride 20 mg, Tocopherol acetate 50% granules 60 mg, zinc sulfate monohydrate 61.74mg, Ascorbic acid 97% granule 257.73 mg	Supply of vitamin E, B1, B2, B6, C, and zinc	1 tab, qd with food	
<b>Roical-D 3 Inj.</b>	Cholecalciferol 5mg/mL	Prevention and treatment of vitamin D deficiency	Adult: I.M. 200,000 IU as cholecalciferol Juvenile: I.M. 200,000IU as cholecalciferol Elderly: I.M. 100,000IU as cholecalciferol	
<b>Antidiabetic</b>				
<b>Sitaglu Tab.</b>	Sitagliptin Phosphate Hydrate 32.125mg (As Sitagliptin 25mg)	Improvement of glycemic control, for adult patients with type 2 diabetes mellitus	1 tab, qd, with or w/o food	Patent should be checked country by country
	Sitagliptin Phosphate Hydrate 64.25mg (As Sitagliptin 50mg)			
	Sitagliptin Phosphate Hydrate 128.5mg (As Sitagliptin 100mg)			
<b>Erectile dysfunction drug</b>				
<b>Standro Inj.</b>	"Alprostadil 6mcg Phentolamine Mesylate 0.6mg Papaverine Hydrochloride 17.64mg"	Erectile dysfunction	Inject 0.05~0.15mg into the corpus cavernosum of the penis	Novel combination, Instant efficacy, Intracavernosal self-injection therapy

Note : products infringing valid patents are not offered for sale, the patent position should be verified by the customer.

# R&D Pipelines

Preclinical	Phase I	Phase II	Phase III-IV	Marketed
<b>SP-8008</b> Anti-platelet NCE	<b>SP-35454</b> Osteoporosis/ fracture healing NCE	<b>SP-8203</b> Acute ischemic stroke NCE	<b>Pyramax® tablets</b> Malaria/LCM NCE	<b>Pyramax® tablets</b> FDC/Malaria NCE
<b>SP-8232</b> Heart failure NCE	<b>HyalOne™</b> Osteoarthritis NME		<b>Pyramax® granules</b> Paediatric malaria/LCM NCE	<b>Pyramax® granules</b> FDC/Paediatric malaria NCE
<b>SP-8356</b> Atherosclerosis NCE			<b>Medicurtain®</b> Anti-adhesive/LCM	<b>CandeAmlo®</b> FDC/hypertension IMD
<b>FreeWink™</b> Dermal/body filler NME				<b>EzeRosu®</b> FDC/hyperlipidemia IMD
				<b>Medicurtain®</b> Anti-adhesive

NCE/NME
LCM
Medical device

- This table does not represent the entire pipeline.
- Estimated plans shall be subject to changes in the development and regulatory requirements including indication and timeline
- NCE: New Chemical Entity; NME: New Molecular Entity; IMD: Incrementally Modified Drug;
- LCM: Life Cycle Management.

## Global Networks

### Global Headquarter

#### Korea

SHIN POONG PHARM. CO., LTD: Manufacturing and distribution since 1962  
161 Yeoksam-ro, Gangnam-gu, Seoul, Korea

#### ■ KGMP Plant 1

- General medicines FDF and API
- Pic/S, KGMP, PMDA (API)

#### ■ Penicillin Plant 2

- Computerized automatic plant dedicated to penicillin FDF
- Pic/S, PMDA

#### ■ Multi-Purpose Plant 3

- EU-GMP compliant, dedicated to Pyramax®, solid medicines (double layer formulations) FDF and API
- EMA, Pic/S, KGMP

#### ■ KGMP Plant 5

- cGMP/EU GMP grade, dedicated to Cephalosporin anti-biotics FPP
- Pic/S, KGMP

### Global Subsidiaries

#### Sudan

GENERAL MEDICINES CO., LTD (Manufacturing and distribution)  
AL-AMART, Street No.11, Block No.12, Khartoum, Sudan

#### China

TIAN JIN SHIN POONG PHARM. CO., LTD.  
(Manufacturing and distribution)  
8 Hao, Muninglu, Technological & Economic Development Area, Tianjin, China

#### Vietnam

SHIN POONG DAEWOO PHARM. CO., LTD.  
(Manufacturing and distribution)  
Block R1, Room 05-09 Floor 9th, Everrich 1 Building at 868 3/2 Street, ward 15, Dist. 11, Ho Chi Minh City, Vietnam

#### Myanmar

MYANMAR SHIN POONG PHARMA CO., LTD.  
(Distribution)  
No. 10/A Yadanar Street Kyauk Gone (14) Ward Yankin Township, Yangon, Myanmar

#### Philippines

PHIL. SHINPOONG PHARMA INC. (Distribution)  
Unit 2314, Medical Plaza Ortigas Building, San Miguel Avenue, Ortigas Center, Pasig City, Metro Manila, Philippines

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 **SHIN POONG PHARM. CO., LTD.**