

# SSMH Newsletter

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# Seoul St. Mary's Hospital Ranks Top in 2021 Healthcare Quality Assessment

Seoul St. Mary's Hospital has obtained the top class in every category in 2021 Healthcare Quality Assessment announced by the Ministry of Health and Welfare.



The assessment evaluates 53 indicators of 6 categories, based on the annual performance of the previous year of medical institutions. The Health Ministry provides financial support to those at the top of the list so that more people can get quality medical service.

Seoul St. Mary's Hospital has achieved the highest rank in patient safety, healthcare quality, publicity and delivery system & support activity category, named among top 2% out of 350 evaluated medical institutions. Furthermore, it has headed the list of education and training as well as research and development, demonstrating its leading position in medical service and research.

“Seoul St. Mary's Hospital is a JCI accredited, safe hospital. The achievement was possible thanks to all staffs and employees who have faithfully fulfilled their duties and strived to offer best quality service to patients amidst the lingering pandemic,” said president of Seoul St. Mary's Hospital, Yoon Seung-kew. “We will not become complacent about what we have achieved. Putting the patient's health and safety first at all time, we will continue to do our best to provide reliable, quality services.”

# Seoul St. Mary's Hospital Proves Safety of Non-Extraction Orthodontic Treatment for the First Time

A research team, led by professor Kook Yoon-ah of Dentistry Hospital of Seoul St. Mary's Hospital, has proved the safety of non-extraction orthodontic treatment using modified C-palatal plate (MCP) for the first time in the world.

The researchers have carried out a study of 23 patients who got treatment for level 2 malocclusion at Dentistry Hospital of Seoul St. Mary's Hospital and traced the recurrence rate for 3 years of retention period.

They analyzed X-ray images of before, after and 3 years after MCP treatment. The recurrence rate after MCP treatment was 12%, which is much lower than that of treatment using Herbst appliances, 39%.

Conventional appliances apply orthodontic force from the buccal side so the molar teeth move falling back, but MCP applies the force from the palatine side, moving the teeth backward horizontally.

The treatment, first developed by professor Kook in 2006, can move the maxillary teeth (upper teeth) backward without extraction. Compared to headgears and other extra-oral appliances, it has aesthetic effects as a specially devised plate is fixed on the palate and minimizes patient's discomfort. One of the biggest merits of the treatment is preserving your natural teeth. Those who need to get surgery for skeletal disharmony can receive the treatment using MCP. Moreover, those who have impacted teeth can utilize the teeth by moving them backward and creating space.



Before

After

The treatment effect of MCP was introduced in Contemporary Orthodontics, a US orthodontics textbook, in 2019. The appliance is under patent pending under the product name, MCPA, in Korea and the US.



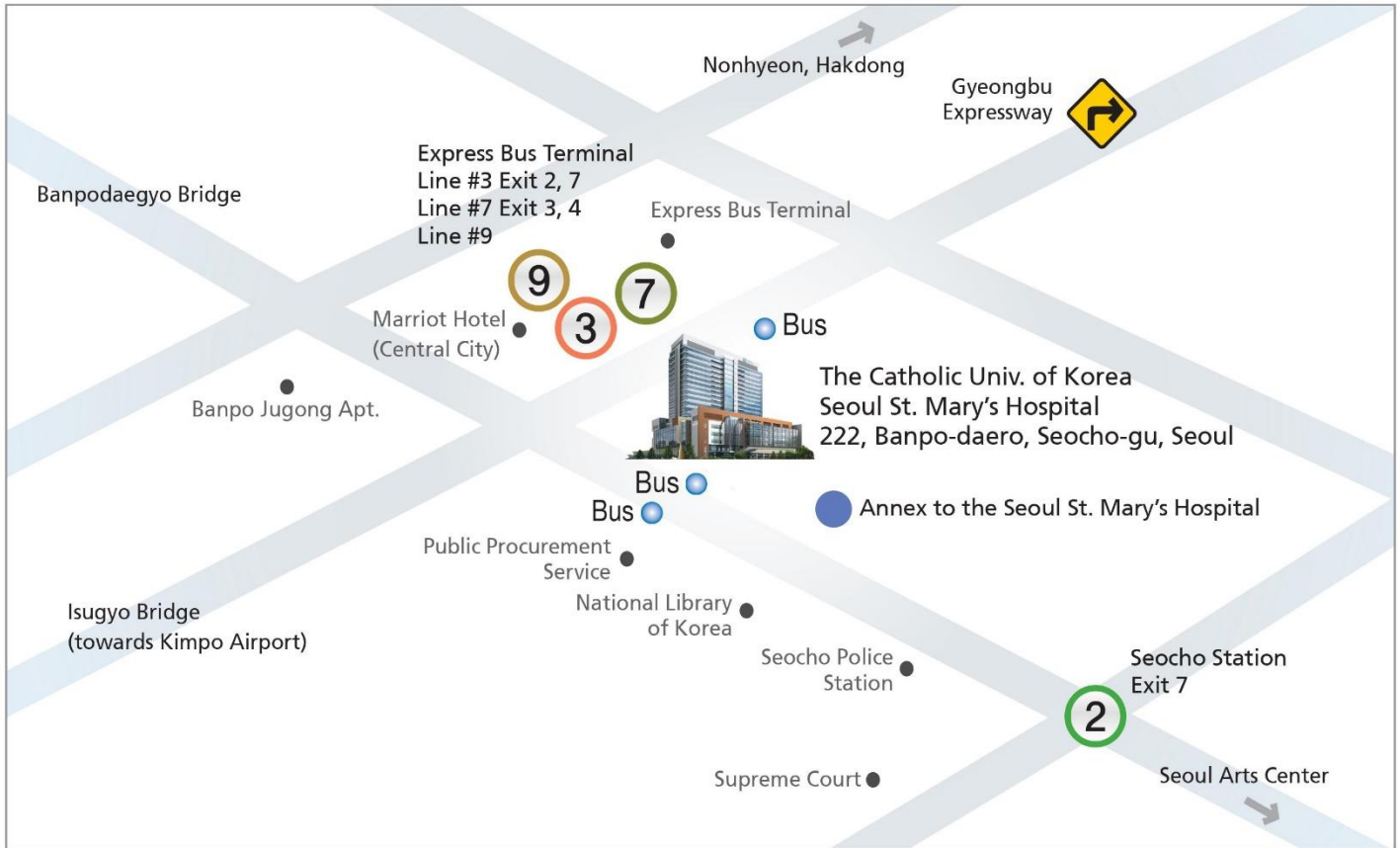
Professor Kook Yoon-ah of the Department of Orthodontics, Dentistry Hospital

“Among three pillars of orthodontic treatment—function recovery, stability and aesthetics—stability is most important. It holds great significance that the safety of orthodontic treatment with MCPP, developed by Seoul St. Mary’s Hospital, has been proven and published in an international journal. The appliance will be applied to other non-surgical treatments. I will continue to do my best to provide safe, world-class treatment to patients,” said professor Kook.



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## How to find us



### Parking

\* 8hrs free for outpatient

	Time	Fee
Daytime	6:00a.m. ~ 10:00p.m.	30 mins free + 1,000KRW per 15mins
Nighttime	10:00p.m. ~ 6:00a.m.	1,000KRW

### Shuttle Bus

#### ② Seocho Station, Exit 7

Weekdays First 08:00 Last 18:00 (Every 20 mins)  
Saturday First 08:30 Last 12:30 (Every 30 mins)

#### ⑦ Express Bus Terminal, Exit 3

Weekdays First 08:00 Last 18:00 (Every 10 mins)  
Saturday First 08:30 Last 12:30 (Every 30 mins)

### Subway

- ② Seocho Station, Exit 7
- ③ Express Bus Terminal, Exit 2, 7
- ⑦ Express Bus Terminal, Exit 3, 4

### Bus

**Blue** 400, 740, 405, 540, 142, 148, 143,  
351, 401, 640, 642, 462, 360, 362, 643

**Green** 4212, 6411, 3012, 4318, 5413, 3414,  
3422, Seocho 10, Seocho 13, Seocho 14,  
Seocho 21

**Red** 9408, 9500, 9510, 9802, 9800, 9501, 9502

**From Airport** 6020, 6000, 6703