

# The Great revolution of Pediatric simulation training Pediatric patients Robot 「Pedia\_Roid」

tmsuk co.,Ltd. has developed a robot that can reproduce the real movement of pediatric patients 「Pedia\_Roid」 .

## < Background of 「Pedia\_Roid」 >

We focus on the fact that there are very few opportunities of clinical training. Many people doesn't know about the risk of child medical treatments, and sometimes it causes fatal accidents.

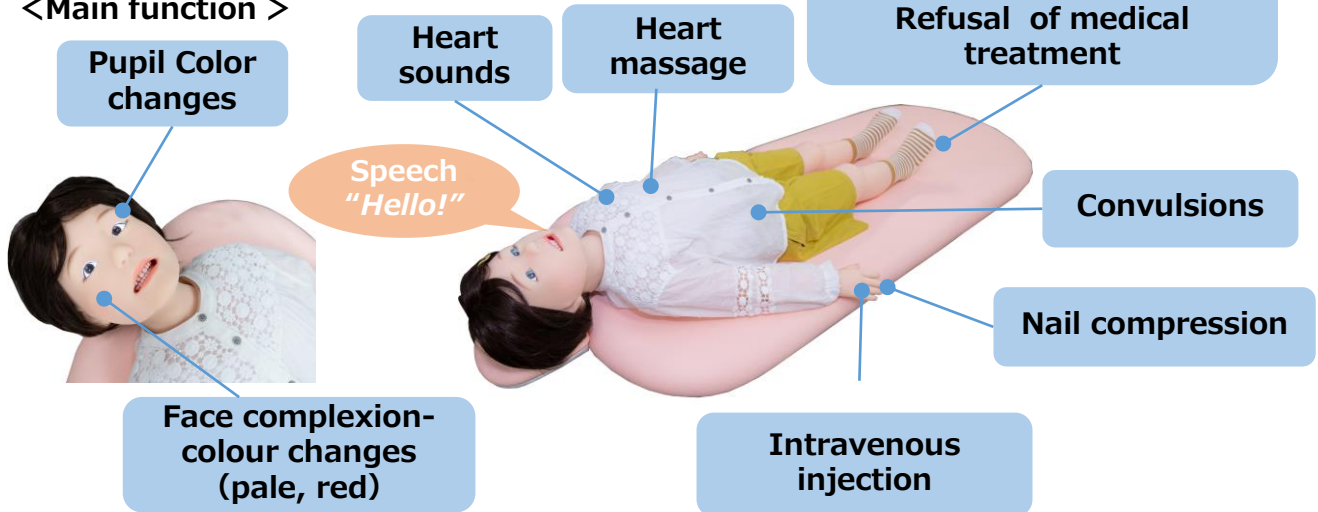
There are lots of differences between children and adults, for example, children move their hans and legs to refuse medical treatments.

It is also very important to adopt to sudden changes in condition, 「Pedia\_Roid」 can contribute to the medical education. This is one of the world's first attempt.



Pediatric patients Robot  
「Pedia\_Roid」

## <Main function >



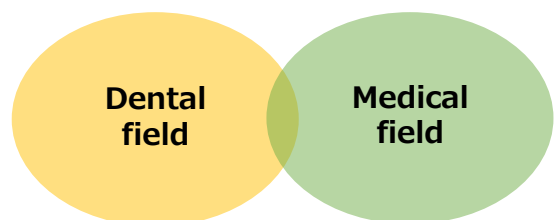
## <Future outlook>

We will expand our human simulator project into medical fields.

We intend to add various functions like endoscopy to 「Pedia\_Roid」 , thereby we should recognize the demand and future tasks.

Our mission is social contribution to pediatric medicine by using our unique technology

## <Human simulator project >



## <Case study>

Fukuoka Dental College has introduced 「Pedia\_Roid」 and started crisis management training for students and practicing dentists. This is the first time in the world, and they hope to provide the best education.



## <Technical Specifications>

Product Name	Pedia_Roid
Size	110cm, 23Kg (5-6 years old)
Material	Silicon
Moving Parts	A total of 24 movements, including head, mouth, tongue, eyelids, eyeball, pupil, hand, leg, pulse, breast, etc.
Motion	Constant movements of hands and legs. Unexpected neck swing, sneeze, cough, vomiting. Whole body changes (pulse, breath, face complexion)
Others	Speech Tooth models can be cut. Intravenous injection, Heart massage, blanch test.
Operation	Wireless operations via PC or Tablet.

## <Company>



“Create the Future with WORK-ROID”

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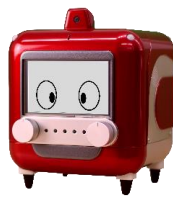
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## <Products>



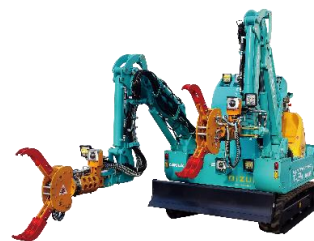
Nursing Care Robot  
[SOWAN]



Family IoT Robot  
[SHELL-KEY]



Smart City Mobility  
[RODEM]



Disaster Rescue Robot  
[ENRYU]

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