

1
00:00:03,680 --> 00:00:05,000
You are listening to Pulse

2
00:00:05,000 --> 00:00:06,160
the Heart of Nursing,

3
00:00:06,160 --> 00:00:07,800
a podcast series on research

4
00:00:07,800 --> 00:00:08,800
at the Alice Lee Centre

5
00:00:08,800 --> 00:00:10,240
for Nursing Studies

6
00:00:10,240 --> 00:00:12,800
at the National University of Singapore.

7
00:00:12,800 --> 00:00:14,120
Advanced practice nurses,

8
00:00:14,120 --> 00:00:15,640
otherwise known as APNs,

9
00:00:15,960 --> 00:00:16,640
are catalyst

10
00:00:16,640 --> 00:00:17,960
to creating a high-quality

11
00:00:17,960 --> 00:00:20,040
healthcare ecosystem.

12
00:00:20,040 --> 00:00:21,760
Their specialized education,

13
00:00:21,760 --> 00:00:23,280
clinical expertise,

14
00:00:23,280 --> 00:00:25,040
advocacy in nursing leadership

15
00:00:25,040 --> 00:00:26,240

and comprehensive approach

16

00:00:26,240 --> 00:00:27,360
to patient care

17

00:00:27,360 --> 00:00:28,120
are necessary

18

00:00:28,120 --> 00:00:30,000
to support the work in conjunction

19

00:00:30,000 --> 00:00:31,880
with other areas of healthcare

20

00:00:31,880 --> 00:00:34,640
to meet the myriad of patient needs.

21

00:00:34,640 --> 00:00:35,800
The development of APNs

22

00:00:35,800 --> 00:00:37,560
in Singapore has been rapid

23

00:00:37,560 --> 00:00:38,720
to meet the healthcare demand

24

00:00:38,720 --> 00:00:41,400
and support the local healthcare system.

25

00:00:41,400 --> 00:00:43,440
Today we talk about how we can track

26

00:00:43,440 --> 00:00:43,960
the development

27

00:00:43,960 --> 00:00:45,000
of APNs

28

00:00:45,000 --> 00:00:45,840
and ensure patient

29

00:00:45,840 --> 00:00:47,840
safety and quality care.

30

00:00:47,840 --> 00:00:49,080

Here with us today is

31

00:00:49,080 --> 00:00:50,160

Dr Zhou Wentao,

32

00:00:50,160 --> 00:00:51,360

an Associate Professor

33

00:00:51,360 --> 00:00:52,760

and the Director of Education

34

00:00:52,760 --> 00:00:55,560

for Continuing Education and Training (CET)

35

00:00:55,560 --> 00:00:57,520

NUS Alice Lee Centre for Nursing Studies,

36

00:00:57,520 --> 00:00:59,640

at the National University of Singapore.

37

00:00:59,640 --> 00:01:01,000

She is also the Programme Director

38

00:01:01,000 --> 00:01:02,880

for the Master of Nursing Programme here

39

00:01:02,880 --> 00:01:05,400

which trains advanced practice nurses,

40

00:01:05,400 --> 00:01:07,720

Associate Professor Zhou herself practices

41

00:01:07,720 --> 00:01:08,640

as an APN

42

00:01:08,640 --> 00:01:09,720

with a joint appointment

43

00:01:09,720 --> 00:01:12,440

at the National Neuroscience Institute or NNI.

44

00:01:13,000 --> 00:01:13,640

Hi Wentao,

45

00:01:13,640 --> 00:01:14,480
it's so nice to have you

46

00:01:14,480 --> 00:01:15,720
in the studio with us today.

47

00:01:15,720 --> 00:01:17,760
Thank you for inviting me, Joann.

48

00:01:17,760 --> 00:01:19,760
It is my pleasure to be here.

49

00:01:19,760 --> 00:01:20,920
Thanks, Professor.

50

00:01:20,920 --> 00:01:22,000
So, you know,

51

00:01:22,000 --> 00:01:23,720
I think today you'll be sharing with us

52

00:01:23,720 --> 00:01:25,480
on how developing the advanced

53

00:01:25,480 --> 00:01:27,400
practice nurse is crucial

54

00:01:27,400 --> 00:01:28,560
to address modern healthcare

55

00:01:28,560 --> 00:01:29,880
complexities and,

56

00:01:29,880 --> 00:01:30,120
you know,

57

00:01:30,120 --> 00:01:30,920
to sort of ensure

58

00:01:30,920 --> 00:01:33,240
that patient care safe and of quality.

59

00:01:33,920 --> 00:01:35,120
Could you break it down for us

60

00:01:35,120 --> 00:01:35,680
a little bit?

61

00:01:35,680 --> 00:01:36,800
Tell us

62

00:01:36,800 --> 00:01:38,920
what is an advanced practice nurse

63

00:01:38,920 --> 00:01:41,200
and what does he or she do?

64

00:01:41,320 --> 00:01:42,280
Okay.

65

00:01:42,360 --> 00:01:44,920
The International Council of Nurses

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00:01:44,920 --> 00:01:47,880
defines an Advanced Practice Nurse (APN)

67

00:01:47,880 --> 00:01:49,000
as a nurse

68

00:01:49,000 --> 00:01:51,440
who has additional education,

69

00:01:51,440 --> 00:01:53,320
acquired the expert knowledge,

70

00:01:53,320 --> 00:01:55,840
complex decision-making skills

71

00:01:55,840 --> 00:01:58,800
and clinical competencies for expanded

72

00:01:58,800 --> 00:02:00,560
nursing practice.

73

00:02:00,560 --> 00:02:02,000

The practice scopes

74

00:02:02,000 --> 00:02:03,400
of the advanced practice

75

00:02:03,400 --> 00:02:05,360
nurse are shaped by the

76

00:02:05,360 --> 00:02:07,960
credentialed practice context.

77

00:02:07,960 --> 00:02:09,120
They are trained in

78

00:02:09,120 --> 00:02:11,040
conducting health assessment,

79

00:02:11,040 --> 00:02:14,000
making diagnosis and managing the common

80

00:02:14,000 --> 00:02:16,560
acute and chronic medical conditions.

81

00:02:17,280 --> 00:02:19,640
There are two types of APNs

82

00:02:19,640 --> 00:02:21,600
used internationally.

83

00:02:21,600 --> 00:02:24,360
Clinical Nurse Specialist (CNS)

84

00:02:24,360 --> 00:02:26,960
and Nurse Practitioner (NP).

85

00:02:26,960 --> 00:02:28,040
In Singapore,

86

00:02:28,040 --> 00:02:31,560
we adopted a hybrid model where APN

87

00:02:31,560 --> 00:02:34,400
practice 80% of their time for

88

00:02:34,400 --> 00:02:35,840
Nurse Practitioner roles

89

00:02:35,840 --> 00:02:37,640
and 20% of the times

90

00:02:37,640 --> 00:02:39,920
for clinical nurse specialist roles

91

00:02:41,280 --> 00:02:43,680
You mentioned that APNs are crucial

92

00:02:43,680 --> 00:02:45,960
for patient safety and quality care.

93

00:02:45,960 --> 00:02:48,400
How do APNs support this?

94

00:02:49,000 --> 00:02:51,720
APNs work collaboratively

95

00:02:51,720 --> 00:02:53,640
with doctors and other health

96

00:02:53,640 --> 00:02:55,200
care professionals

97

00:02:55,200 --> 00:02:58,160
to provide complex patient care.

98

00:02:58,160 --> 00:02:59,280
They narrow

99

00:02:59,280 --> 00:03:01,800
the gaps in the clinical care practice

100

00:03:02,040 --> 00:03:03,160
and enhance

101

00:03:03,160 --> 00:03:04,680
team communication

102

00:03:04,680 --> 00:03:07,080

to ensure patient safety.

103

00:03:07,480 --> 00:03:09,000

Most importantly,

104

00:03:09,000 --> 00:03:11,040

APNs are able to anticipate

105

00:03:11,040 --> 00:03:12,760

the potential disease

106

00:03:12,760 --> 00:03:15,040

and treatment complications

107

00:03:15,040 --> 00:03:16,240

and deliver pre

108

00:03:16,240 --> 00:03:18,520

anticipatory interventions

109

00:03:18,520 --> 00:03:20,520

and evidence-based treatments

110

00:03:20,760 --> 00:03:23,680

independently and collaboratively.

111

00:03:24,480 --> 00:03:28,000

APNs are very agile, flexible,

112

00:03:28,000 --> 00:03:31,720

fast react to the changes in healthcare,

113

00:03:31,720 --> 00:03:35,280

and conscious about patient safety.

114

00:03:35,760 --> 00:03:36,880

Advanced Practice Nurses

115

00:03:36,880 --> 00:03:38,200

really do play a vital role

116

00:03:38,200 --> 00:03:39,440

in offering the expertise

117
00:03:39,440 --> 00:03:40,400
to deliver

118
00:03:40,400 --> 00:03:41,240
clinical care

119
00:03:41,240 --> 00:03:43,560
that is not only safe but of quality.

120
00:03:44,040 --> 00:03:46,200
I remember being a new nurse

121
00:03:46,200 --> 00:03:47,280
in the intensive care unit

122
00:03:47,280 --> 00:03:48,880
and being just in awe

123
00:03:49,440 --> 00:03:50,720
of the way the advanced

124
00:03:50,720 --> 00:03:52,080
practice nurses there functioned.

125
00:03:52,080 --> 00:03:52,280
You know,

126
00:03:52,280 --> 00:03:54,160
I was so amazed at their ability

127
00:03:54,160 --> 00:03:55,320
to not only anticipate

128
00:03:55,320 --> 00:03:56,960
complications and adapt to, you know,

129
00:03:56,960 --> 00:03:58,040
the complex situations

130
00:03:58,040 --> 00:03:58,960
in the patient care,

131
00:03:58,960 --> 00:04:01,840

but they also enhanced communication

132

00:04:02,320 --> 00:04:04,080
in the multidisciplinary team

133

00:04:04,080 --> 00:04:05,480
and they were able to engage

134

00:04:05,480 --> 00:04:07,080
in the decision making process.

135

00:04:07,080 --> 00:04:07,840
And, you know,

136

00:04:07,840 --> 00:04:09,400
I imagine that becoming an

137

00:04:09,400 --> 00:04:11,240
Advanced Practice Nurse requires

138

00:04:11,240 --> 00:04:13,640
rigorous training and development?

139

00:04:14,920 --> 00:04:22,560
Developing advanced practice nurses in Singapore
is instrumental in driving high-quality care.

140

00:04:22,560 --> 00:04:25,920
However, we need to better track, measure

141

00:04:25,920 --> 00:04:26,760
and document

142

00:04:26,760 --> 00:04:29,880
how the APNs here are evolving

143

00:04:30,040 --> 00:04:32,360
so that we can better understand

144

00:04:32,640 --> 00:04:35,640
how their roles are developing

145

00:04:35,640 --> 00:04:38,440
and what can be done in future

146
00:04:38,440 --> 00:04:41,120
to hone their skills even better.

147
00:04:41,960 --> 00:04:43,000
So what we're saying here

148
00:04:43,000 --> 00:04:44,920
is that we're interested

149
00:04:44,920 --> 00:04:45,840
in documenting

150
00:04:45,840 --> 00:04:47,280
how APNs grow

151
00:04:47,280 --> 00:04:50,120
and develop their skills over time.

152
00:04:50,120 --> 00:04:52,840
What do we know about this so far?

153
00:04:52,840 --> 00:04:53,640
Okay.

154
00:04:53,640 --> 00:04:54,720
Quite a bit

155
00:04:54,720 --> 00:04:56,040
has documented

156
00:04:56,040 --> 00:04:58,200
that in journal publications.

157
00:04:58,200 --> 00:05:01,640
What I am interested in and focusing on

158
00:05:01,680 --> 00:05:06,120
is the Singapore story of our APNs here.

159
00:05:06,120 --> 00:05:09,600
Let me share the studies and publications on

160

00:05:09,840 --> 00:05:13,240
APN development that my colleagues and I

161
00:05:13,520 --> 00:05:16,800
have conducted over the past few years.

162
00:05:16,800 --> 00:05:17,960
This interconnected

163
00:05:17,960 --> 00:05:19,120
studies

164
00:05:19,120 --> 00:05:21,520
highlighted APN development

165
00:05:21,520 --> 00:05:24,320
and contributions in Singapore,

166
00:05:24,320 --> 00:05:27,200
often cited as a positive example

167
00:05:27,200 --> 00:05:29,840
at international conferences.

168
00:05:30,560 --> 00:05:32,640
Through these endeavours,

169
00:05:32,640 --> 00:05:36,440
we have here at NUS Nursing,

170
00:05:36,440 --> 00:05:40,800
forged many collaborations for APN-related research,

171
00:05:40,800 --> 00:05:42,360
including partnerships

172
00:05:42,360 --> 00:05:46,120
with the International Council of Nurses (ICN),

173
00:05:46,120 --> 00:05:52,600
Canada, Finland, Australia, Ireland, Japan, and the USA.

174
00:05:53,160 --> 00:05:54,600
Importantly,

175

00:05:54,600 --> 00:05:56,200
one publication,

176

00:05:56,200 --> 00:06:01,120
'The Development of Advanced Practice Nurses in Singapore,'

177

00:06:01,120 --> 00:06:07,200
framed the Singapore APN development from 2003 to 2022,

178

00:06:07,200 --> 00:06:09,760
providing a comprehensive insight

179

00:06:10,000 --> 00:06:14,160
into the why, how, when and what

180

00:06:14,160 --> 00:06:17,200
aspects of Singapore's APN development.

181

00:06:17,400 --> 00:06:18,760
This publication

182

00:06:18,760 --> 00:06:21,960
serves as the foundations for

183

00:06:21,960 --> 00:06:29,200
forthcoming APN-related studies for
APN education, practice, and outcomes.

184

00:06:29,520 --> 00:06:31,440
Wow. It seems that much has been studied

185

00:06:31,440 --> 00:06:33,320
about advanced practice nurses

186

00:06:33,320 --> 00:06:34,800
in Singapore.

187

00:06:34,800 --> 00:06:36,080
Prof Zhou, could you tell us

188

00:06:36,080 --> 00:06:37,040
why are these sort

189
00:06:37,040 --> 00:06:39,200
of publications important?

190
00:06:39,200 --> 00:06:40,800
This is necessary

191
00:06:40,800 --> 00:06:43,800
so that we continuously update

192
00:06:43,800 --> 00:06:46,360
and define the role of the APNs

193
00:06:46,360 --> 00:06:47,880
in Singapore,

194
00:06:47,880 --> 00:06:51,000
which is a relatively new type of role

195
00:06:51,000 --> 00:06:54,240
in nursing, and only established

196
00:06:54,240 --> 00:06:56,560
in the past 20 years.

197
00:06:57,000 --> 00:06:59,640
This means that we should continue

198
00:06:59,640 --> 00:07:00,680
to understand

199
00:07:00,680 --> 00:07:01,920
what is the latest

200
00:07:01,920 --> 00:07:03,360
in this field

201
00:07:03,360 --> 00:07:06,320
and guide the APN development to ensure

202
00:07:06,320 --> 00:07:08,240
their competencies

203
00:07:08,240 --> 00:07:10,640

to provide high quality care.

204

00:07:11,480 --> 00:07:12,040

I see.

205

00:07:12,040 --> 00:07:13,200

And how

206

00:07:13,200 --> 00:07:15,640

have these publications informed us

207

00:07:15,640 --> 00:07:18,760

in guiding the development process

208

00:07:18,760 --> 00:07:20,880

of this group of nurses?

209

00:07:20,880 --> 00:07:24,520

For example in educating APNs

210

00:07:24,520 --> 00:07:27,120

a recent publication

211

00:07:27,120 --> 00:07:34,200

'Development of Entrustable Professional Activities for Advanced Practice Nurses' Education'

212

00:07:34,200 --> 00:07:37,000

outlined the process of creating

213

00:07:37,000 --> 00:07:40,120

Entrustable Professional Activities (EPAs) in Singapore.

214

00:07:40,920 --> 00:07:43,440

These EPAs enclosed

215

00:07:43,440 --> 00:07:45,640

all the competencies required

216

00:07:45,680 --> 00:07:47,680

by Advanced Practice Nurses,

217

00:07:48,080 --> 00:07:49,880

bridging the competencies

218

00:07:49,880 --> 00:07:51,960
and clinical practice gaps

219

00:07:51,960 --> 00:07:54,080
between academic and clinical.

220

00:07:54,760 --> 00:07:56,640
This allows APNs

221

00:07:56,640 --> 00:07:59,040
to be more competent and confidence

222

00:07:59,040 --> 00:08:00,960
to their clinical practice

223

00:08:00,960 --> 00:08:01,840
and minimize

224

00:08:01,840 --> 00:08:04,760
potential harms to ensure patient safety.

225

00:08:06,000 --> 00:08:08,160
In 2017,

226

00:08:08,160 --> 00:08:12,600
one of Singapore Ministry of Health's (MOH) strategic priorities

227

00:08:12,600 --> 00:08:13,880
was to develop

228

00:08:13,880 --> 00:08:15,120
a framework

229

00:08:15,120 --> 00:08:17,840
guiding the professional progression

230

00:08:17,840 --> 00:08:20,040
of the advanced practice nurses

231

00:08:20,040 --> 00:08:24,840
from pre-certification to post-certification education.

232

00:08:24,840 --> 00:08:36,560
Entrustable Professional Activities (EPAs) were adopted to operationalize dynamic competence-based education for APNs.

233
00:08:36,560 --> 00:08:41,120
This aimed to facilitate smoother role transitions

234
00:08:41,120 --> 00:08:50,640
and standardize expected APN behaviours upon completion of their Master of Nursing degree and internship.

235
00:08:50,640 --> 00:08:53,120
EPAs also assist

236
00:08:53,120 --> 00:08:55,040
in aligning expectation

237
00:08:55,040 --> 00:08:56,280
among stakeholders

238
00:08:56,280 --> 00:08:59,360
engaged in APN services

239
00:08:59,360 --> 00:09:02,600
to prevent unrealistic expectations,

240
00:09:02,600 --> 00:09:04,840
which may lead to stress

241
00:09:04,880 --> 00:09:07,640
and indirectly affect patient care.

242
00:09:07,960 --> 00:09:09,480
Thanks for that Prof. Zhou.

243
00:09:09,480 --> 00:09:11,760
I just want to ask,

244
00:09:11,760 --> 00:09:19,120
are there challenges in how we can actually track and measure how APNs work, with the sort of outcomes they produce?

245
00:09:19,120 --> 00:09:21,000
Sure, definitely.

246
00:09:21,000 --> 00:09:26,000
More evidence showed APNs improve quality of care,

247
00:09:26,000 --> 00:09:29,200
especially during the recent pandemic.

248
00:09:29,200 --> 00:09:31,520
A qualitative study explored

249
00:09:31,640 --> 00:09:33,920
the pandemic's effects

250
00:09:34,280 --> 00:09:37,560
on APN education and practice.

251
00:09:37,920 --> 00:09:40,240
This study suggested that

252
00:09:40,240 --> 00:09:43,640
the diversified competencies of APNs

253
00:09:43,640 --> 00:09:46,280
allowed them to be very versatile,

254
00:09:46,280 --> 00:09:49,200
when responding to fast changes

255
00:09:49,200 --> 00:09:52,640
and a spike in demand for health care

256
00:09:52,640 --> 00:09:54,440
during the pandemic.

257
00:09:54,440 --> 00:09:56,400
But study also showed that

258
00:09:56,400 --> 00:09:58,280
the large proportion of care

259
00:09:58,280 --> 00:10:00,760
burden may also fall on them

260
00:10:00,760 --> 00:10:04,600

and lead to mentally overwhelming.

261

00:10:05,440 --> 00:10:08,760

I can see how the diversification and versatile

262

00:10:08,760 --> 00:10:10,640

nature of the advanced practice

263

00:10:10,640 --> 00:10:13,160

role may prove to be sort of a catch-22.

264

00:10:13,960 --> 00:10:15,400

There seems to be a need

265

00:10:15,400 --> 00:10:16,960

to sort of re-evaluate

266

00:10:16,960 --> 00:10:18,240

APN outcomes

267

00:10:18,240 --> 00:10:19,960

for optimal role alignment

268

00:10:19,960 --> 00:10:21,840

and improved quality care.

269

00:10:21,840 --> 00:10:23,280

And, you know, as a country,

270

00:10:23,280 --> 00:10:26,000

how have we tackle this so far?

271

00:10:26,000 --> 00:10:26,760

Okay.

272

00:10:26,760 --> 00:10:29,600

Measuring APN outcomes

273

00:10:29,600 --> 00:10:32,640

still poses several challenges

274

00:10:32,640 --> 00:10:36,520

due to the multiplicity of skill

275
00:10:36,520 --> 00:10:39,600
which required nuanced metrics

276
00:10:39,600 --> 00:10:41,040
to capture the breath

277
00:10:41,040 --> 00:10:42,960
of their contribution.

278
00:10:42,960 --> 00:10:45,440
Because they are also very involved

279
00:10:45,720 --> 00:10:48,720
in interdisciplinary collaboration,

280
00:10:48,720 --> 00:10:51,000
this make attributing specific

281
00:10:51,240 --> 00:10:54,480
outcomes to APNs challenging.

282
00:10:54,480 --> 00:10:55,440
Furthermore,

283
00:10:55,440 --> 00:11:04,160
APNs focus on comprehensive patient care,
make it difficult to isolate specific outcomes.

284
00:11:04,160 --> 00:11:07,920
Hence, we have written a book chapter,

285
00:11:08,560 --> 00:11:11,640
"Nurse Practitioner Outcomes Evaluation"

286
00:11:11,640 --> 00:11:15,720
to showcase Singapore APN outcomes.

287
00:11:15,720 --> 00:11:19,040
This chapter indicates that measurement

288
00:11:19,040 --> 00:11:21,600
of nurse practitioner outcomes

289

00:11:21,600 --> 00:11:24,560
should be integrated into practice

290
00:11:24,560 --> 00:11:27,560
through targeted efforts including

291
00:11:27,960 --> 00:11:29,120
collecting baseline

292
00:11:29,120 --> 00:11:30,360
data prior

293
00:11:30,360 --> 00:11:40,800
to implementing an APN-led initiative, using role-specific metrics that
reflect the focus of nurse practitioner care,

294
00:11:40,800 --> 00:11:43,120
planning for outcome evaluation

295
00:11:43,120 --> 00:11:45,840
when any new role is established,

296
00:11:46,320 --> 00:11:49,440
and building in outcome assessment

297
00:11:49,440 --> 00:11:54,640
as a part of the ongoing professional practice evaluation.

298
00:11:55,840 --> 00:11:56,640
It sounds like there's

299
00:11:56,640 --> 00:11:59,720
been extensive exploration in this field.

300
00:11:59,720 --> 00:12:02,040
How do you plan to implement

301
00:12:02,040 --> 00:12:03,040
these findings

302
00:12:03,040 --> 00:12:05,080
into the practical role of APNs?

303
00:12:06,240 --> 00:12:08,360

One of the associated area

304

00:12:08,360 --> 00:12:11,160
will be in professional development.

305

00:12:11,640 --> 00:12:13,480
A study has been done.

306

00:12:13,480 --> 00:12:18,600
'Registered Nurses' Perceptions towards Advanced Practice Nursing:

307

00:12:18,600 --> 00:12:21,880
A Nationwide Cross-Sectional Study',

308

00:12:21,880 --> 00:12:25,040
observed that while younger

309

00:12:25,040 --> 00:12:26,680
registered nurses

310

00:12:26,680 --> 00:12:30,040
hold favourable view of the APN role,

311

00:12:30,360 --> 00:12:31,560
this sentiment

312

00:12:31,560 --> 00:12:34,600
may not translate into interest

313

00:12:34,840 --> 00:12:44,200
in becoming an APN due to current selection processes primarily reliant
on employer nominations.

314

00:12:44,320 --> 00:12:47,240
In this study, we recommended

315

00:12:47,240 --> 00:12:50,280
introducing residency programmes

316

00:12:50,280 --> 00:12:52,160
or revising years

317

00:12:52,160 --> 00:12:54,240
of working experience criteria

318

00:12:54,240 --> 00:12:59,120
for early career nurses to join the APN training

319

00:12:59,120 --> 00:13:05,040
as these initiatives have demonstrated enhanced clinical competency,

320

00:13:05,040 --> 00:13:11,480
confidence, job satisfaction, and reduced nursing attrition.

321

00:13:11,480 --> 00:13:20,360
We hope to have more nurses join the APN ranks and contribute to
a more robust nursing ecosystem.

322

00:13:20,520 --> 00:13:21,600
I totally agree with you.

323

00:13:21,600 --> 00:13:22,200
Indeed,

324

00:13:22,200 --> 00:13:24,920
we do need to have well-trained nurses

325

00:13:24,920 --> 00:13:26,040
in our healthcare system.

326

00:13:26,040 --> 00:13:29,200
So any parting words for us, Professor Zhou.

327

00:13:29,200 --> 00:13:30,920
I really look forward

328

00:13:30,920 --> 00:13:34,400
to further develop the role of the APN

329

00:13:34,440 --> 00:13:35,840
in Singapore

330

00:13:35,840 --> 00:13:39,160
and to any nurses who is

331

00:13:39,160 --> 00:13:40,560
listening out there.

332

00:13:40,560 --> 00:13:43,080
I would like to encourage you

333

00:13:43,080 --> 00:13:44,040
to aspire

334

00:13:44,040 --> 00:13:47,680
towards this very meaningful role in Nursing.

335

00:13:47,680 --> 00:13:49,680
The evolution of the Advanced

336

00:13:49,680 --> 00:13:51,480
Practice Nurse in Singapore

337

00:13:51,480 --> 00:13:53,200
has been remarkable

338

00:13:53,200 --> 00:13:56,440
and I'm happy to be part of it

339

00:13:56,840 --> 00:13:58,520
and would like to see it

340

00:13:58,520 --> 00:14:00,120
grow in Singapore.

341

00:14:00,120 --> 00:14:00,880
Yes, of course.

342

00:14:00,880 --> 00:14:02,480
Thanks so much, Prof Zhou.

343

00:14:02,480 --> 00:14:04,760
This discussion has indeed provided

344

00:14:04,760 --> 00:14:06,720
very valuable insights for us,

345

00:14:06,720 --> 00:14:08,040
and we extend our gratitude

346

00:14:09,000 --> 00:14:10,040

for sharing

347

00:14:10,040 --> 00:14:10,880
your expertize

348

00:14:10,880 --> 00:14:12,400
and for being part of today's session.

349

00:14:12,400 --> 00:14:14,320
Thank you so much, Professor Zhou.

350

00:14:14,320 --> 00:14:15,760
Thanks for having me.

351

00:14:15,760 --> 00:14:17,400
My pleasure.

352

00:14:17,480 --> 00:14:19,320
You've been listening to the podcast

353

00:14:19,320 --> 00:14:20,800
examining the development of

354

00:14:20,800 --> 00:14:23,320
"Advanced Practice Nurses in Singapore healthcare"

355

00:14:23,320 --> 00:14:26,840
with Pulse: The Heart of Nursing, a podcast series on research

356

00:14:26,840 --> 00:14:31,000
at the Alice Lee Centre for Nursing Studies,
National University of Singapore.

357

00:14:31,000 --> 00:14:32,320
With us in the studio was

358

00:14:32,320 --> 00:14:36,760
Associate Professor Zhou Wentao, speaking with us on education
innovation.

359

00:14:36,760 --> 00:14:38,520
I am Hadassah Joann Ramachandran,

360

00:14:38,520 --> 00:14:40,920

thank you and till the next podcast.