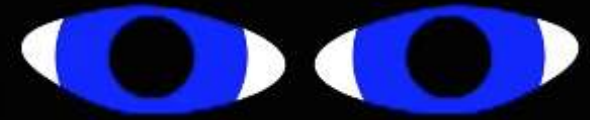


Cheong-Min



Hearing Regeneration

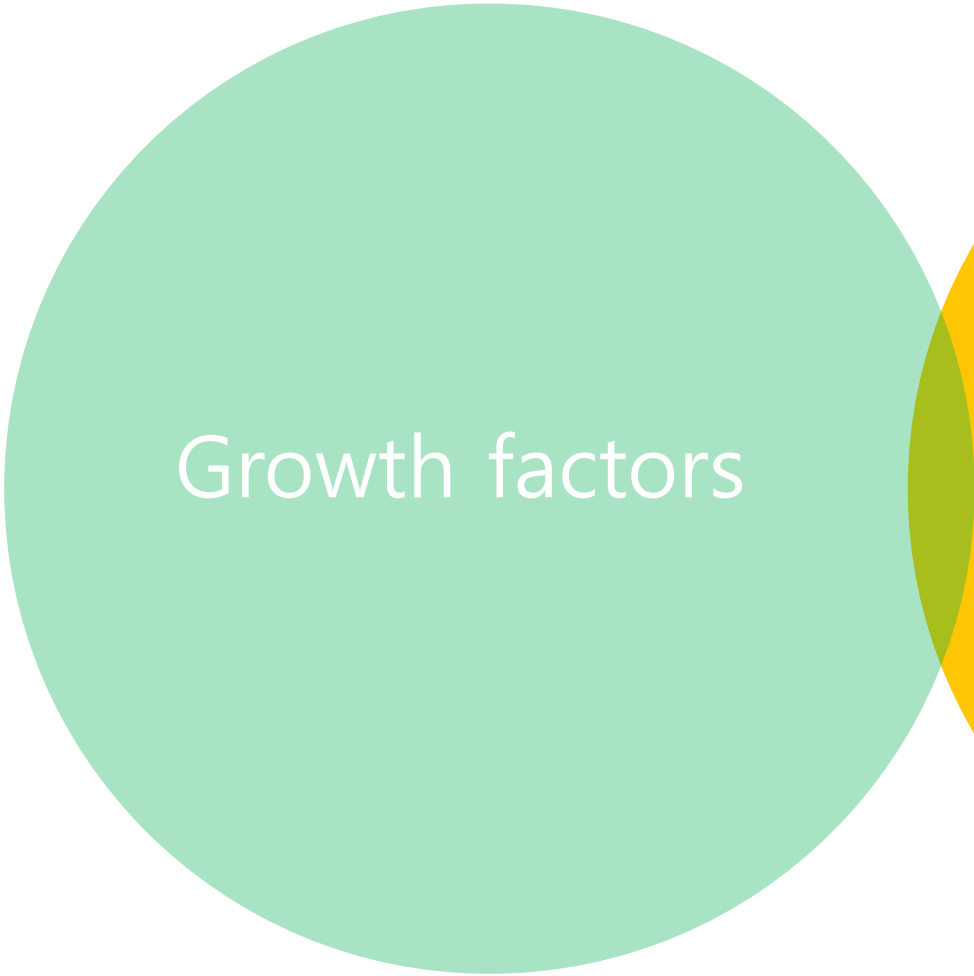


Hearing Loss & Tinnitus

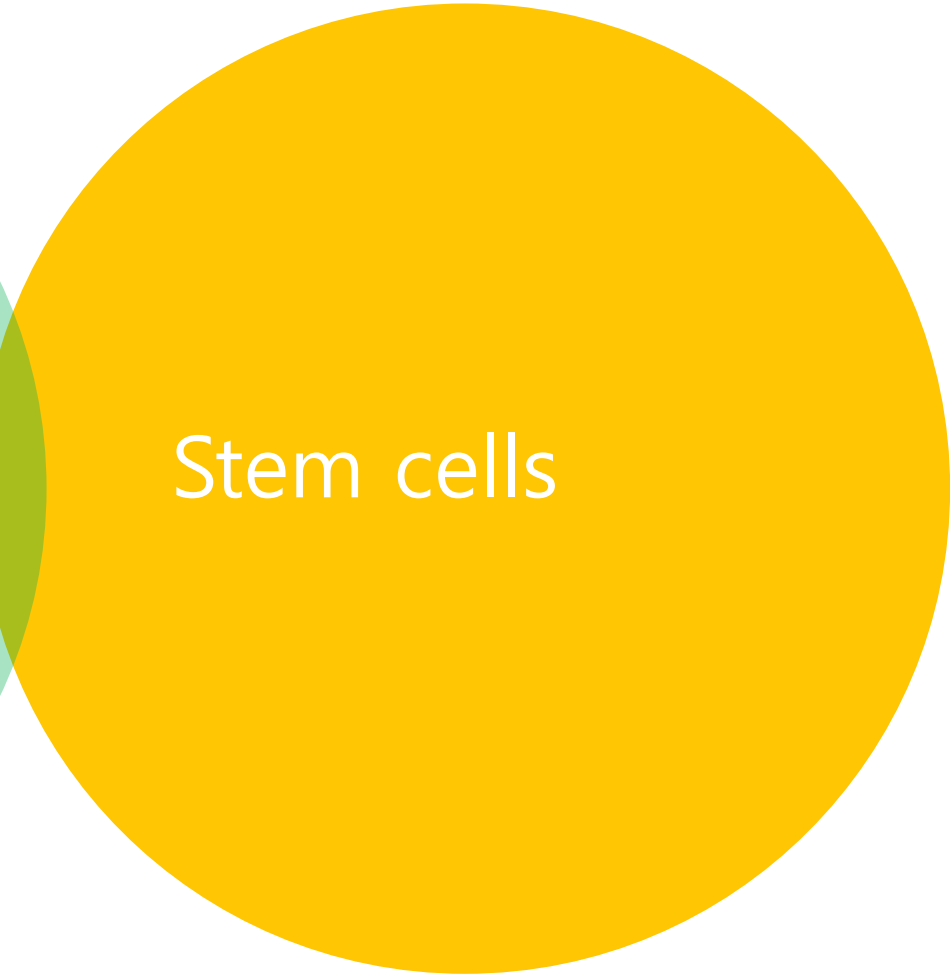
- **There have been no treatments available in modern medicine
to regain hearing loss.**
- The only available treatment option for most types of hearing loss is a hearing aid
 - Hearing aids make sounds louder, do not make speech clearer
 - Many users of hearing aids are frustrated when they cannot understand what people are saying

1

Academic basis



Growth factors



Stem cells

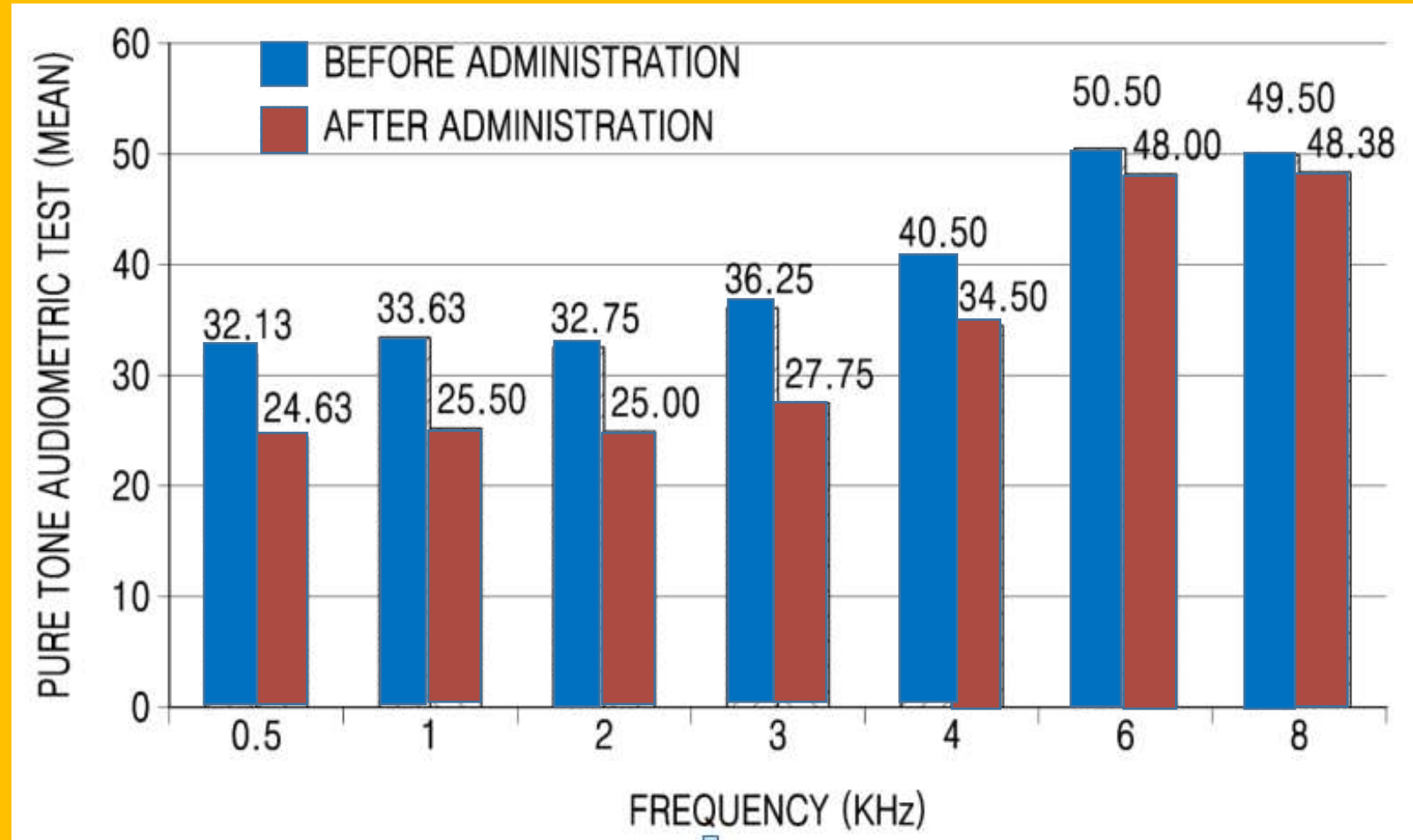
2 Procedures



Intratympanic
injection

Intravenous
injection

Results



Near all patients improved.

3 Cases

(If the number shown on the next audiogram become smaller,
it means the hearing has gotten better after our treatment.)

F/26

Tinnitus and hearing loss.

showing fast improvement.

(The lower the number shown,
means the better the hearing.)

ID: F/26 DATE: 15.12.

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			05M	05M	05M	15M	25M	30M	20M
LT			25M	05M	40M	20M	25M	45M	40M

ID: F/26 DATE: 2016-2.

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			05M	05M	05M	20M	25M	50M	30M
LT			10M	05M	05M	05M	10M	35M	15M

M/27

Tinnitus similar to a cricket noise
for 3 years.

Started after a severe cold.

Got better after 6th treatments.

ID: [REDACTED] M/2 [REDACTED] DATE: 2015 [REDACTED]

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			10M	05M	05M	05M	05M	15M	05M
LT			10M	10M	10M	05M	15M	30M	30M

ID: [REDACTED] M/2 [REDACTED] DATE: 2016 [REDACTED]

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			05M	05M	05M	05M	05M	05M	05M
LT			05M	05M	10M	05M	05M	05M	20M

ID: [REDACTED] M/2 [REDACTED] DATE: 16 [REDACTED]

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			05M	05M	05M	05M	05M	05M	15M
LT			05M	05M	05M	05M	05M	10M	15M

F/52

Hearing impairment
for 3 yrs

Completely Improved

ID: [REDACTED] F/52 DATE: 2015-6-13

[REDACTED]

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT		10M	10M	10M	00M	05M	05M	<u>25M</u>	<u>50M</u>
LT		10M	20M	10M	05M	05M	05M	<u>30M</u>	<u>25M</u>

ID: [REDACTED] F/52 DATE: 2015-6-26

[REDACTED]

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT		10M	15M	05M	05M	05M	05M	<u>05M</u>	<u>05M</u>
LT		05M	05M	05M	05M	05M	05M	<u>05M</u>	<u>05M</u>

M/55

3 year history of tinnitus that sounds like a wind noise.

Improved after the 1st treatment
45dB went down to 15dB.

ID: M/55 DATE: 2015.12.31

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			05M	05M	15M	15M	20M	45M	35M
LT			05M	05M	15M	10M	20M	30M	30M

ID: M/55 DATE: 2016.1.5

AUDIOGRAM
(in accordance with ANSI S3.6-1989)

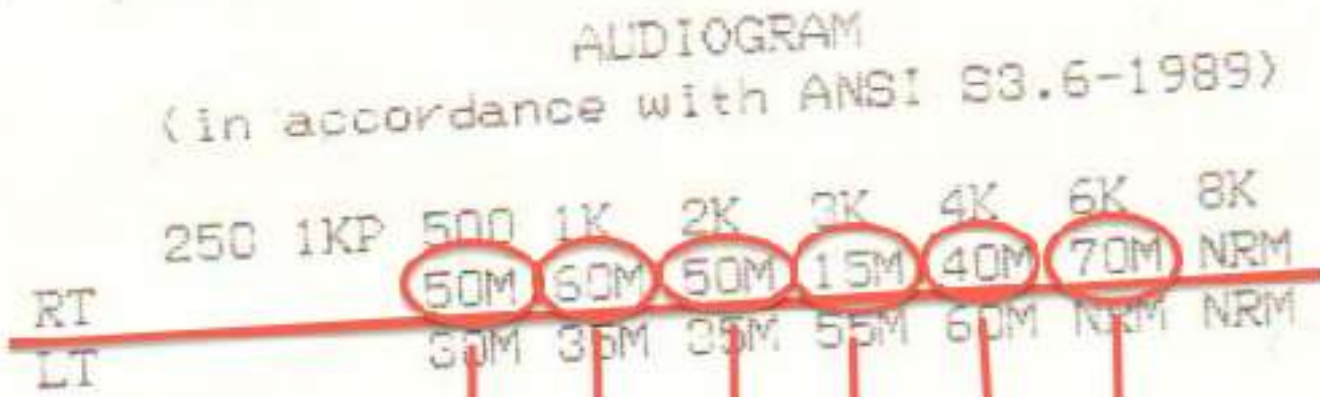
	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			05M	05M	15M	10M	10M	15M	15M
LT			05M	05M	15M	10M	25M	25M	35M

M/65

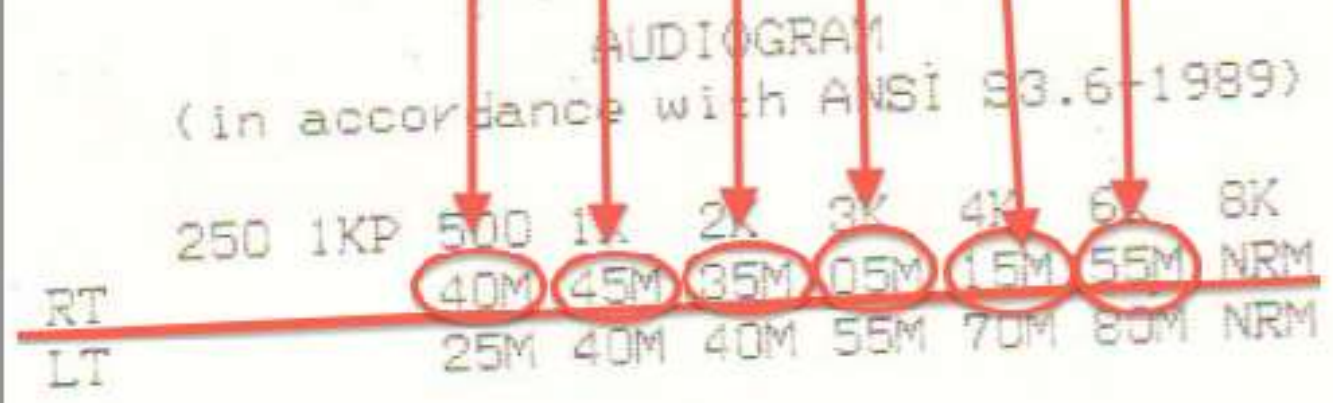
Hearing loss for 10yrs

Improved after the 2nd treatment.

ID: [REDACTED] M/65 DATE: 2015-12-30



ID: [REDACTED] M/65 DATE: 16.1.17



M/70

Decades of hearing loss

Excellent progress after
3rd treatments.
90dB went down to 40dB.

ID: [REDACTED]

M/70

DATE: 15.11.13

AUDIOGRAM

(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT		NRM	90M	90M	NRM	90M	90M	90M	NRM
LT			65M	85M	70M	70M	75M	90M	NRM

ID: [REDACTED]

M/70

DATE: 2015.11.20

AUDIOGRAM

(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT			60M	55M	45M	40M	45M	85M	NRM
LT			70M	80M	60M	65M	70M	NRM	NRM

M/73

Hearing loss for many years

His hearing improved after
3rd treatments.

45dB went down to 15dB.

ID: [REDACTED] M/73 DATE: 2015-9-22

AUDIOGRAM

(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT		25M	45M	25M	35M	40M	35M	60M	45M
LT		20M	40M	25M	30M	40M	40M	60M	55M

ID: [REDACTED] M/73 DATE: 15-9-30

AUDIOGRAM

(in accordance with ANSI S3.6-1989)

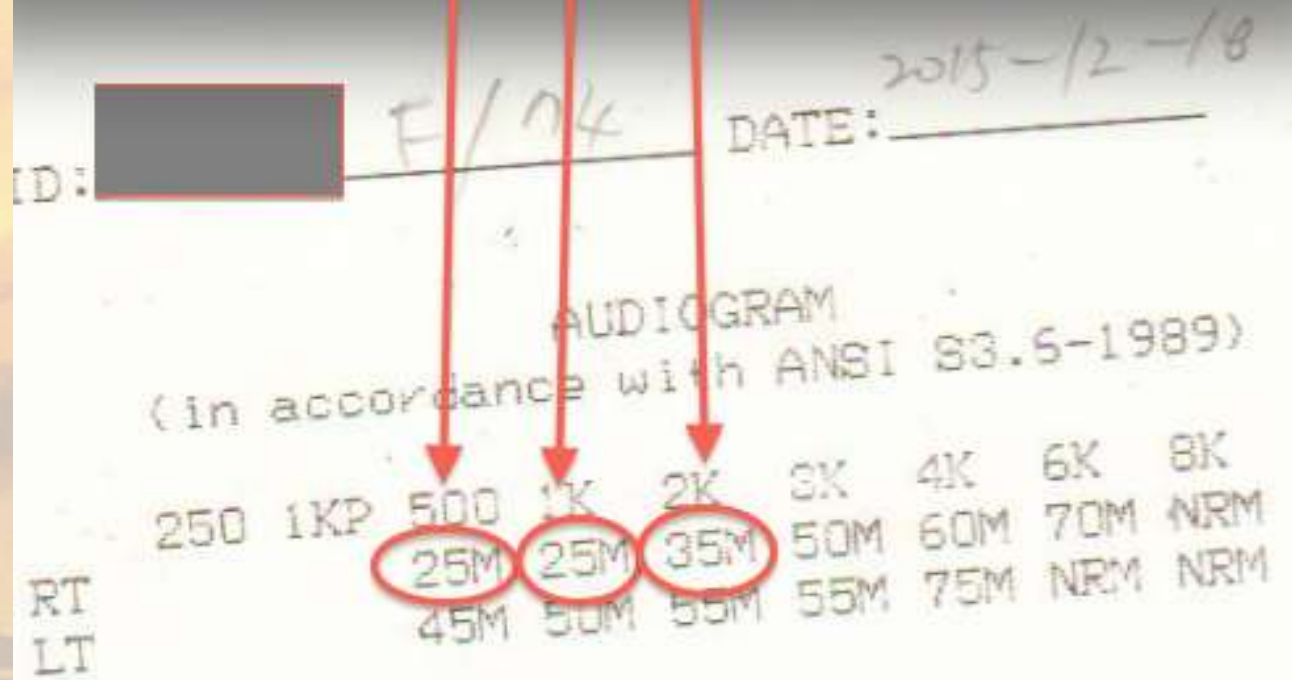
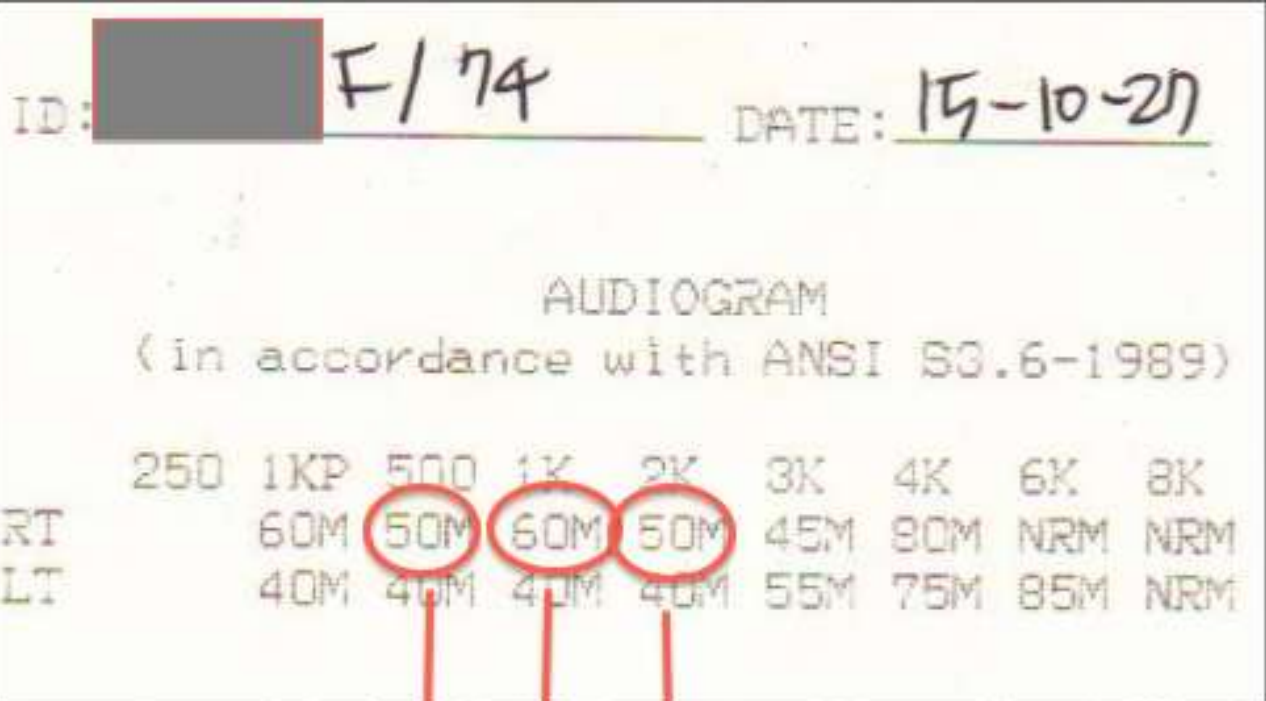
	250	1KP	500	1K	2K	3K	4K	6K	8K
RT		15M	15M	15M	20M	25M	40M	50M	50M
LT		15M	30M	15M	30M	30M	45M	60M	NRM

F/ 74

chronic otitis media and perforation of the tympanic membrane.

Two months after the treatment, the patient showed dramatic improvement.

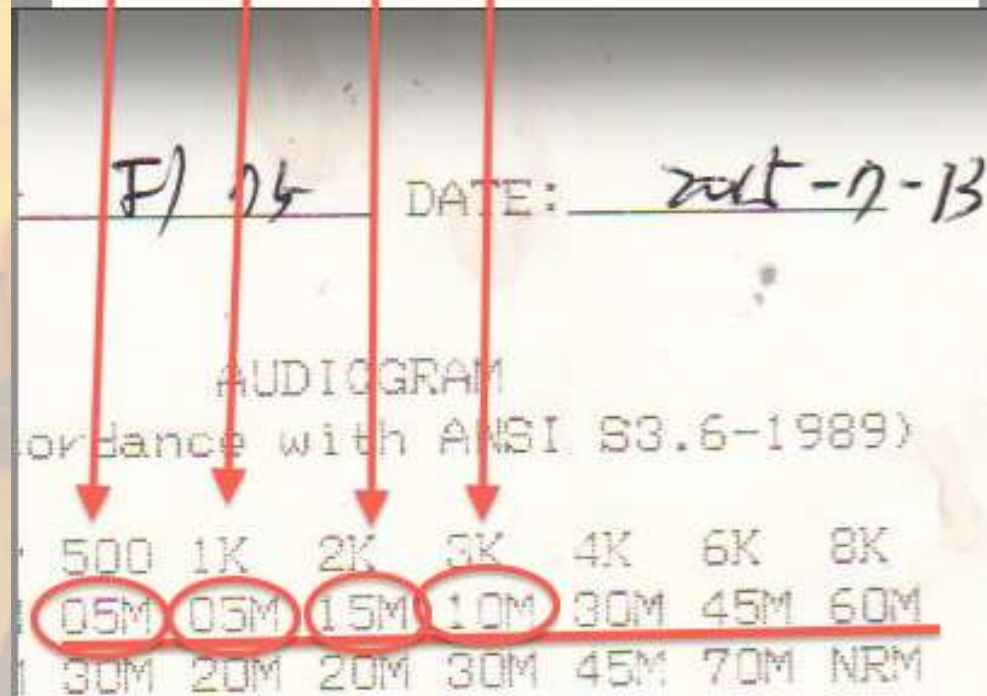
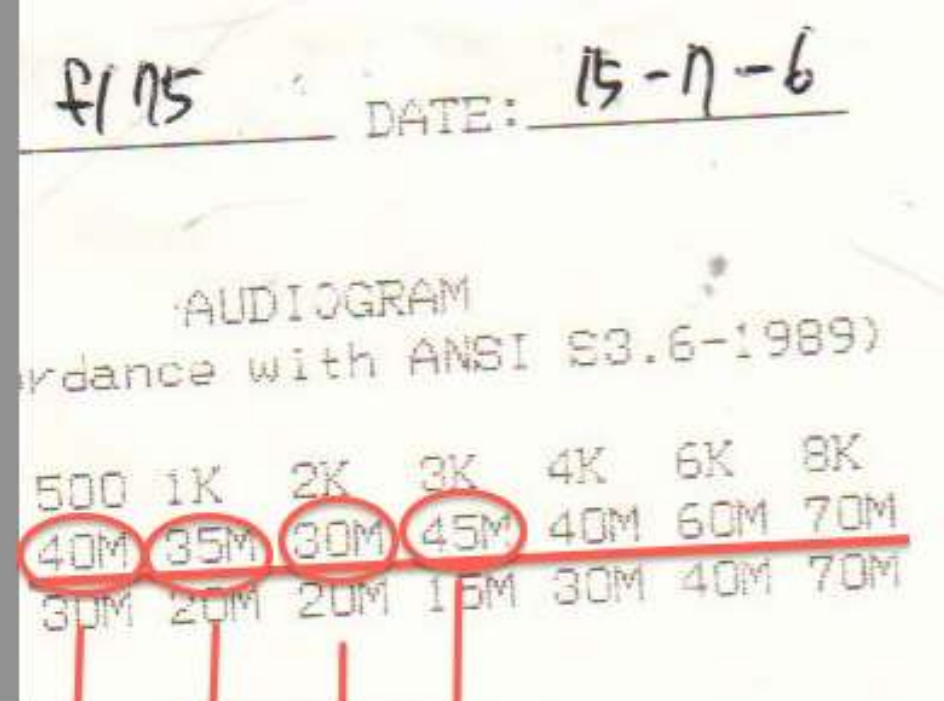
She used to have difficulty with conversation due to hearing impairment but **she is now able to have a conversation without any problems.**



F/75

Suffered from dizziness,
tinnitus and hearing loss for
several months.

Hearing improved from 40dB to 5dB.



F/77

Suffered from dizziness, tinnitus and hearing loss for several months.

Two months after the cell regenerative therapy the hearing test result improved from 75dB to 20dB

The patient used to have problems with conversation but can now engage in conversation and communication.

ID: [REDACTED] F/77 DATE: 2014/9/18

AUDIOGRAM

(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT		70M	90M	70M	70M	90M	NRM	85M	70M
LT		75M	NRM	75M	75M	45M	65M	90M	65M

ID: [REDACTED] F/77 DATE: 14/11/10

AUDIOGRAM

(in accordance with ANSI S3.6-1989)

	250	1KP	500	1K	2K	3K	4K	6K	8K
RT		65M	65M	65M	75M	75M	NRM	90M	70M
LT		30M	20M	20M	30M	30M	50M	65M	NRM

Good Indications

Sensory Neuronal Hearing Loss

(e.g., Noise, Age, Gene , Drug related hearing loss)

Tinnitus

Hyperacusis

Pros and Cons

	Prosthesis (Hearing Aids, Cochlear Implant)	Cheong-Min's Hearing Treatment
Pros □	-Rather immediate onset of treatment's effect	-The ONLY way to Regenerate cochlea -Need not any prosthesis -Tinnitus : disappear
Cons □	-Not regenerate but Destroy cochlea -Need to wear prosthesis -Tinnitus: sustain	-Rather delayed onset of treatment's effect (2days ~3months) -Needs multiple treatment (3~6 times) -Individual differences



Treatment of

- Sensory neuronal hearing loss
- Tinnitus
- Hyperacusis

<http://cmclinics.com>

info@cmclinics.com

+82-2-547-7574

Myeng-gi Carrot86 208, 822, Hoguk-ro, Deogyang-gu, Goyang-si, Gyeonggi-do, Rep.of Korea(10463)