

악안면 동통 환자의 진단과 치료(증례 14)

부산대학교병원 구강내과/ 고명연

<개
요> 63세 여성환자로 우측 전이부와 교근 및 하악 우측 제2소구치부위(# 45)에 격통
(sharp, throbbing)을 주소로 내원하였음.

상기 증상은 약 1 주일 전부터 발생하였으며 이비인후과, 치과 등에 내원하여 #45의 발수 및 근관치료를 받았으나 차도가 없자 본원으로 의뢰되었다(그림 1).

<임상검사> 그림 2

하악우측 제2소구치: 금관장착(8년전 충치로 이함)

온/냉자극(-)

타집(-)

혈출 교두의 균열(crack line)

발통대 : 우측 출두근건(temporalis tendon)

하악 우측 제2소구치부위(정축하여 누르는 자극으로 통통초반)

연관통 : 우측 측두부 두통

<방사선 검사> 하악 우측 제2소구치의 불완전한 균관치로

<근전도 검사> 근막동통증후군(MPDS)과 감별진단하고자 교근 및 측두근에 근전도를 시행한 바 좌우측 측두근의 휴식시 근전도가 약간 상승되어 있음(그림3)

진료의뢰서					
보험자기호	5874	보험가격식	진료금액	지로보는증언서	지로보는증언서 (제로보는증언서)
의뢰인자성명 (제로보는증언서)	정근 풍수현	주진동후진호	590,974 ~ 2026/01/09		
수진자성명	기숙 복수현	주진동후진호	297,110 ~ 2026/01/09		
수진자주소	7가지역 전화번호) 충주수원(화학동) 27-1				
상세내용	우울증인정증 신경증				
진료기간	1992.5.11 ~ 1992.5.14	진료주제	1. 입원	② 외래	
진료수수료	증상증상금 구체적인증상 및 증상증상금(나중증) 을 드립니다. 취약여성에게, 기관근로자는 근로는 취약여성(취약여성)에게는 우울증증상(나중증) 이라는 리터스피리트 증상증상을 시사하는증상이나 증상증상 하여 찾고 있습니다.				
진료수수료	1992.5.14				
당일의사	기숙 복수현	주진동후진호	297,110		
고양의과기원의원	김정관	증상증상금(과과의원)			
부상상	신우경	증상증상금(과과의원)			
	경기지사서울부지사 781-5557번				
	T. 031-781-5557				

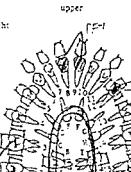
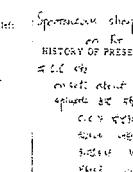
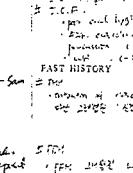
DEPARTMENT OF DENTISTRY						Pusan National University Hospital	
(4) 三三三 A)						12/12/2007	
CIVIL NO	111-111-1111	HOSP. NO	111-111	LAST		DATE	12/12/2007
NAME	李 智 华	SEX	男	AGE	25		
CCCPN		ADDRESS	201-100, 2nd fl., 2nd				
TEL	111-1111	STUDENT	Y	DO	11/06/07		
CRAL EXAMINATION				CHIEF COMPLAINTS			
UPPER				LOWER			
right		left		right		left	
<p>Sporadic sharp pain; occasionally for food gets provoked</p> <p>HISTORY OF PRESENT ILLNESS</p> <p>1 week ago</p> <p>onset about 1 week ago</p> <p>square 2C fractured yesterday</p> <p>C/C sharp pain</p> <p>sharp pain every 2-3 min.</p> <p>sharp pain every 2-3 min.</p> <p>sharp pain every 2-3 min.</p> <p>continuing pain at 2C</p> <p>2C/C sharp pain on day 1</p> <p>C/C pain</p> <p>sharp pain</p> <p>sharp pain</p> <p>sharp pain</p>				<p>sharp pain from childhood</p> <p>sharp pain</p>			
FAST HISTORY				VITAL SIGN			
2 mo				BP 110/70 mmHg P 80/min R 18/min T 36.5°C			
symptom of infection 3 days ago				BP 110/70 mmHg P 80/min R 18/min T 36.5°C			
sharp pain 2C/C and 3C/C				BP 110/70 mmHg P 80/min R 18/min T 36.5°C			

그림 1: 개인적 관의 원에서 박복학 지름이 리서치

그림2: 초진시 작성된 익반 치과챠트

<진단> 삼차신경하악지(V3)에 발생한 삼차신경통(Trigeminal Neuralgia)

<치료> 불완전하게 치료되어 있는 #45을 보존과에 의뢰하여 재평가한 후, 근관치료와 삼차신경통의 치료를 병용하는 치료계획을 수립하였다.

Tegretol 100mg을 1일 2회 1주간 처방하고(그림4), Myo-monitor로 1회 45분간 씩 주 2회 치료하였다(그림5). Myo-monitor를 1회 사용하자 두통은 즉시 해소되었으며 발통대 동통은 1주일후 완전히 사라졌다. 또한 치료 3주후 추적점검시에도 동통재발은 없었다(그림6).

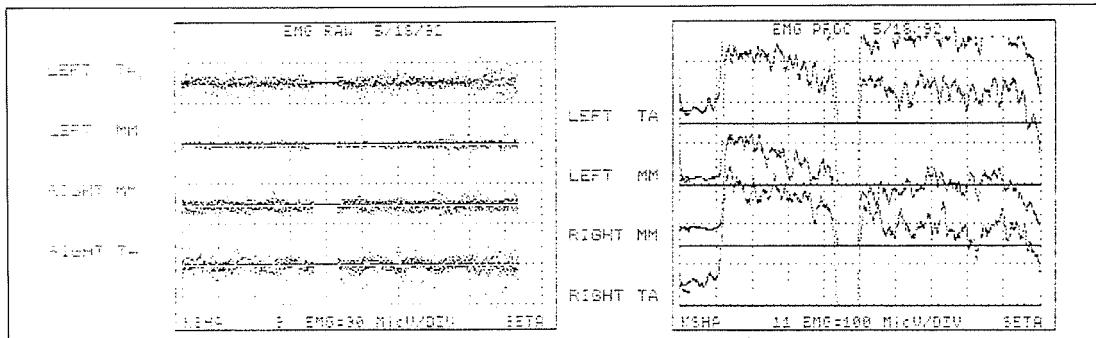


그림3: 정상적인 근활성을 보이는 좌우측 교근 및 측두근의 EMG 소견

Carbamazepine 113	[TEGL]
Tab : Tegretol 한국셀 시가바이기 200mg	
[효능] 삼차신경통, 정신운동발작, 대발작	
[용법·용량] 최초 1일 200~400mgw증상에 따라 800~1200mg까지 증량가능	
[부작용] Stevens-Johnson Syndrome(발열, 발진, 홍반, 괴사성결막염), 재생불량성 빈혈, 단백뇨, 환각, 혈전색정증	
[금기] 심한혈액장애, 3회계 약물과민자	
[주의] INAH, Macrolide 항생제, Ca ²⁺ 拮抗제와 병용시 급격한 혈증농도상승으로 중독유발 가능	
Warfarin, Progesteron, Estrogen, Dilantin, Haloperidol작용 감약	

그림4: 1991년도 부산대학교병원 발간 의약품집에 따른 Tegretol처방

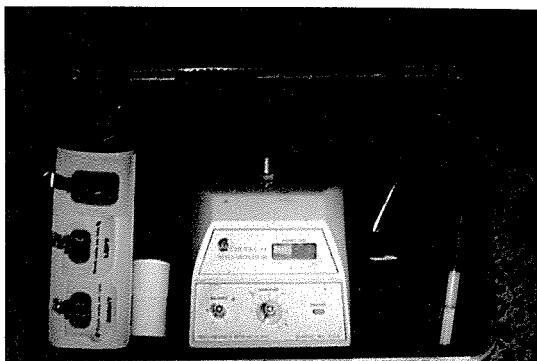


그림5: 환자의 동통을 조절하기 위해 적용한 Myo-monitor

NAME	PHYSICIAN	ROOM No.	HOSP. No.
DATE	PHYSICIAN'S ORDERS		
1991-5-18	1. Tegretol 200mg bid 2. 1st dose 100mg 3. 2nd dose 100mg		
	4. 1st dose 100mg 5. 2nd dose 100mg		
	6. 1st dose 100mg 7. 2nd dose 100mg		
	8. 1st dose 100mg 9. 2nd dose 100mg		
	10. 1st dose 100mg 11. 2nd dose 100mg		
	12. 1st dose 100mg 13. 2nd dose 100mg		
	14. 1st dose 100mg 15. 2nd dose 100mg		
	16. 1st dose 100mg 17. 2nd dose 100mg		
	18. 1st dose 100mg 19. 2nd dose 100mg		
	20. 1st dose 100mg 21. 2nd dose 100mg		
	22. 1st dose 100mg 23. 2nd dose 100mg		
	24. 1st dose 100mg 25. 2nd dose 100mg		
	26. 1st dose 100mg 27. 2nd dose 100mg		
	28. 1st dose 100mg 29. 2nd dose 100mg		
	30. 1st dose 100mg 31. 2nd dose 100mg		
	32. 1st dose 100mg 33. 2nd dose 100mg		
	34. 1st dose 100mg 35. 2nd dose 100mg		
	36. 1st dose 100mg 37. 2nd dose 100mg		
	38. 1st dose 100mg 39. 2nd dose 100mg		
	40. 1st dose 100mg 41. 2nd dose 100mg		
	42. 1st dose 100mg 43. 2nd dose 100mg		
	44. 1st dose 100mg 45. 2nd dose 100mg		
	46. 1st dose 100mg 47. 2nd dose 100mg		
	48. 1st dose 100mg 49. 2nd dose 100mg		
	50. 1st dose 100mg 51. 2nd dose 100mg		
	52. 1st dose 100mg 53. 2nd dose 100mg		
	54. 1st dose 100mg 55. 2nd dose 100mg		
	56. 1st dose 100mg 57. 2nd dose 100mg		
	58. 1st dose 100mg 59. 2nd dose 100mg		
	60. 1st dose 100mg 61. 2nd dose 100mg		
	62. 1st dose 100mg 63. 2nd dose 100mg		
	64. 1st dose 100mg 65. 2nd dose 100mg		
	66. 1st dose 100mg 67. 2nd dose 100mg		
	68. 1st dose 100mg 69. 2nd dose 100mg		
	70. 1st dose 100mg 71. 2nd dose 100mg		
	72. 1st dose 100mg 73. 2nd dose 100mg		
	74. 1st dose 100mg 75. 2nd dose 100mg		
	76. 1st dose 100mg 77. 2nd dose 100mg		
	78. 1st dose 100mg 79. 2nd dose 100mg		
	80. 1st dose 100mg 81. 2nd dose 100mg		
	82. 1st dose 100mg 83. 2nd dose 100mg		
	84. 1st dose 100mg 85. 2nd dose 100mg		
	86. 1st dose 100mg 87. 2nd dose 100mg		
	88. 1st dose 100mg 89. 2nd dose 100mg		
	90. 1st dose 100mg 91. 2nd dose 100mg		
	92. 1st dose 100mg 93. 2nd dose 100mg		
	94. 1st dose 100mg 95. 2nd dose 100mg		
	96. 1st dose 100mg 97. 2nd dose 100mg		
	98. 1st dose 100mg 99. 2nd dose 100mg		
	100. 1st dose 100mg 101. 2nd dose 100mg		
	102. 1st dose 100mg 103. 2nd dose 100mg		
	104. 1st dose 100mg 105. 2nd dose 100mg		
	106. 1st dose 100mg 107. 2nd dose 100mg		
	108. 1st dose 100mg 109. 2nd dose 100mg		
	110. 1st dose 100mg 111. 2nd dose 100mg		
	112. 1st dose 100mg 113. 2nd dose 100mg		
	114. 1st dose 100mg 115. 2nd dose 100mg		
	116. 1st dose 100mg 117. 2nd dose 100mg		
	118. 1st dose 100mg 119. 2nd dose 100mg		
	120. 1st dose 100mg 121. 2nd dose 100mg		
	122. 1st dose 100mg 123. 2nd dose 100mg		
	124. 1st dose 100mg 125. 2nd dose 100mg		
	126. 1st dose 100mg 127. 2nd dose 100mg		
	128. 1st dose 100mg 129. 2nd dose 100mg		
	130. 1st dose 100mg 131. 2nd dose 100mg		
	132. 1st dose 100mg 133. 2nd dose 100mg		
	134. 1st dose 100mg 135. 2nd dose 100mg		
	136. 1st dose 100mg 137. 2nd dose 100mg		
	138. 1st dose 100mg 139. 2nd dose 100mg		
	140. 1st dose 100mg 141. 2nd dose 100mg		
	142. 1st dose 100mg 143. 2nd dose 100mg		
	144. 1st dose 100mg 145. 2nd dose 100mg		
	146. 1st dose 100mg 147. 2nd dose 100mg		
	148. 1st dose 100mg 149. 2nd dose 100mg		
	150. 1st dose 100mg 151. 2nd dose 100mg		
	152. 1st dose 100mg 153. 2nd dose 100mg		
	154. 1st dose 100mg 155. 2nd dose 100mg		
	156. 1st dose 100mg 157. 2nd dose 100mg		
	158. 1st dose 100mg 159. 2nd dose 100mg		
	160. 1st dose 100mg 161. 2nd dose 100mg		
	162. 1st dose 100mg 163. 2nd dose 100mg		
	164. 1st dose 100mg 165. 2nd dose 100mg		
	166. 1st dose 100mg 167. 2nd dose 100mg		
	168. 1st dose 100mg 169. 2nd dose 100mg		
	170. 1st dose 100mg 171. 2nd dose 100mg		
	172. 1st dose 100mg 173. 2nd dose 100mg		
	174. 1st dose 100mg 175. 2nd dose 100mg		
	176. 1st dose 100mg 177. 2nd dose 100mg		
	178. 1st dose 100mg 179. 2nd dose 100mg		
	180. 1st dose 100mg 181. 2nd dose 100mg		
	182. 1st dose 100mg 183. 2nd dose 100mg		
	184. 1st dose 100mg 185. 2nd dose 100mg		
	186. 1st dose 100mg 187. 2nd dose 100mg		
	188. 1st dose 100mg 189. 2nd dose 100mg		
	190. 1st dose 100mg 191. 2nd dose 100mg		
	192. 1st dose 100mg 193. 2nd dose 100mg		
	194. 1st dose 100mg 195. 2nd dose 100mg		
	196. 1st dose 100mg 197. 2nd dose 100mg		
	198. 1st dose 100mg 199. 2nd dose 100mg		
	200. 1st dose 100mg 201. 2nd dose 100mg		
	202. 1st dose 100mg 203. 2nd dose 100mg		
	204. 1st dose 100mg 205. 2nd dose 100mg		
	206. 1st dose 100mg 207. 2nd dose 100mg		
	208. 1st dose 100mg 209. 2nd dose 100mg		
	210. 1st dose 100mg 211. 2nd dose 100mg		
	212. 1st dose 100mg 213. 2nd dose 100mg		
	214. 1st dose 100mg 215. 2nd dose 100mg		
	216. 1st dose 100mg 217. 2nd dose 100mg		
	218. 1st dose 100mg 219. 2nd dose 100mg		
	220. 1st dose 100mg 221. 2nd dose 100mg		
	222. 1st dose 100mg 223. 2nd dose 100mg		
	224. 1st dose 100mg 225. 2nd dose 100mg		
	226. 1st dose 100mg 227. 2nd dose 100mg		
	228. 1st dose 100mg 229. 2nd dose 100mg		
	230. 1st dose 100mg 231. 2nd dose 100mg		
	232. 1st dose 100mg 233. 2nd dose 100mg		
	234. 1st dose 100mg 235. 2nd dose 100mg		
	236. 1st dose 100mg 237. 2nd dose 100mg		
	238. 1st dose 100mg 239. 2nd dose 100mg		
	240. 1st dose 100mg 241. 2nd dose 100mg		
	242. 1st dose 100mg 243. 2nd dose 100mg		
	244. 1st dose 100mg 245. 2nd dose 100mg		
	246. 1st dose 100mg 247. 2nd dose 100mg		
	248. 1st dose 100mg 249. 2nd dose 100mg		
	250. 1st dose 100mg 251. 2nd dose 100mg		
	252. 1st dose 100mg 253. 2nd dose 100mg		
	254. 1st dose 100mg 255. 2nd dose 100mg		
	256. 1st dose 100mg 257. 2nd dose 100mg		
	258. 1st dose 100mg 259. 2nd dose 100mg		
	260. 1st dose 100mg 261. 2nd dose 100mg		
	262. 1st dose 100mg 263. 2nd dose 100mg		
	264. 1st dose 100mg 265. 2nd dose 100mg		
	266. 1st dose 100mg 267. 2nd dose 100mg		
	268. 1st dose 100mg 269. 2nd dose 100mg		
	270. 1st dose 100mg 271. 2nd dose 100mg		
	272. 1st dose 100mg 273. 2nd dose 100mg		
	274. 1st dose 100mg 275. 2nd dose 100mg		
	276. 1st dose 100mg 277. 2nd dose 100mg		
	278. 1st dose 100mg 279. 2nd dose 100mg		
	280. 1st dose 100mg 281. 2nd dose 100mg		
	282. 1st dose 100mg 283. 2nd dose 100mg		
	284. 1st dose 100mg 285. 2nd dose 100mg		
	286. 1st dose 100mg 287. 2nd dose 100mg		
	288. 1st dose 100mg 289. 2nd dose 100mg		
	290. 1st dose 100mg 291. 2nd dose 100mg		
	292. 1st dose 100mg 293. 2nd dose 100mg		
	294. 1st dose 100mg 295. 2nd dose 100mg		
	296. 1st dose 100mg 297. 2nd dose 100mg		
	298. 1st dose 100mg 299. 2nd dose 100mg		
	300. 1st dose 100mg 301. 2nd dose 100mg		
	302. 1st dose 100mg 303. 2nd dose 100mg		
	304. 1st dose 100mg 305. 2nd dose 100mg		
	306. 1st dose 100mg 307. 2nd dose 100mg		
	308. 1st dose 100mg 309. 2nd dose 100mg		
	310. 1st dose 100mg 311. 2nd dose 100mg		
	312. 1st dose 100mg 313. 2nd dose 100mg		
	314. 1st dose 100mg 315. 2nd dose 100mg		
	316. 1st dose 100mg 317. 2nd dose 100mg		
	318. 1st dose 100mg 319. 2nd dose 100mg		
	320. 1st dose 100mg 321. 2nd dose 100mg		
	322. 1st dose 100mg 323. 2nd dose 100mg		
	324. 1st dose 100mg 325. 2nd dose 100mg		
	326. 1st dose 100mg 327. 2nd dose 100mg		
	328. 1st dose 100mg 329. 2nd dose 100mg		
	330. 1st dose 100mg 331. 2nd dose 100mg		
	332. 1st dose 100mg 333. 2nd dose 100mg		
	334. 1st dose 100mg 335. 2nd dose 100mg		
	336. 1st dose 100mg 337. 2nd dose 100mg		
	338. 1st dose 100mg 339. 2nd dose 100mg		
	340. 1st dose 100mg 341. 2nd dose 100mg		
	342. 1st dose 100mg 343. 2nd dose 100mg		
	344. 1st dose 100mg 345. 2nd dose 100mg		
	346. 1st dose 100mg 347. 2nd dose 100mg		
	348. 1st dose 100mg 349. 2nd dose 100mg		
	350. 1st dose 100mg 351. 2nd dose 100mg		
	352. 1st dose 100mg 353. 2nd dose 100mg		
	354. 1st dose 100mg 355. 2nd dose 100mg		
	356. 1st dose 100mg 357. 2nd dose 100mg		
	358. 1st dose 100mg 359. 2nd dose 100mg		
	360. 1st dose 100mg 361. 2nd dose 100mg		
	362. 1st dose 100mg 363. 2nd dose 100mg		
	364. 1st dose 100mg 365. 2nd dose 100mg		
	366. 1st dose 100mg 367. 2nd dose 100mg		
	368. 1st dose 100mg 369. 2nd dose 100mg		
	370. 1st dose 100mg 371. 2nd dose 100mg		
	372. 1st dose 100mg 373. 2nd dose 100mg		
	374. 1st dose 100mg 375. 2nd dose 100mg		
	376. 1st dose 100mg 377. 2nd dose 100mg		
	378. 1st dose 100mg 379. 2nd dose 100mg		
	380. 1st dose 100mg 381. 2nd dose 100mg		
	382. 1st dose 100mg 383. 2nd dose 100mg		
	384. 1st dose 100mg 385. 2nd dose 100mg		
	386. 1st dose 100mg 387. 2nd dose 100mg		
	388. 1st dose 100mg 389. 2nd dose 100mg		
	390. 1st dose 100mg 391. 2nd dose 100mg		
	392. 1st dose 100mg 393. 2nd dose 100mg		
	394. 1st dose 100mg 395. 2nd dose 100mg		
	396. 1st dose 100mg 397. 2nd dose 100mg		
	398. 1st dose 100mg 399. 2nd dose 100mg		
	400. 1st dose 100mg 401. 2nd dose 100mg		
	402. 1st dose 100mg 403. 2nd dose 100mg		
	404. 1st dose 100mg 405. 2nd dose 100mg		
	406. 1st dose 100mg 407. 2nd dose 100mg		
	408. 1st dose 100mg 409. 2nd dose 100mg		
	410. 1st dose 100mg 411. 2nd dose 100mg		
	412. 1st dose 100mg 413. 2nd dose 100mg		
	414. 1st dose 100mg 415. 2nd dose 100mg		
	416. 1st dose 100mg 417. 2nd dose 100mg		
	418. 1st dose 100mg 419. 2nd dose 100mg		
	420. 1st dose 100mg 421. 2nd dose 100mg		
	422. 1st dose 100mg 423. 2nd dose 100mg		
	424. 1st dose 100mg 425. 2nd dose 100mg		
	426. 1st dose 100mg 427. 2nd dose 100mg		
	428. 1st dose 100mg 429. 2nd dose 100mg		
	430. 1st dose 100mg 431. 2nd dose 100mg		
	432. 1st dose 100mg 433. 2nd dose 100mg		
	434. 1st dose 100mg 435. 2nd dose 100mg		
	436. 1st dose 100mg 437. 2nd dose 100mg		
	438. 1st dose 100mg 439. 2nd dose 100mg		
	440. 1st dose 100mg 441. 2nd dose 100mg		
	442. 1st dose 100mg 443. 2nd dose 100mg		
	444. 1st dose 100mg 445. 2nd dose 100mg		
	446. 1st dose 100mg 447. 2nd dose 100mg		
	448. 1st dose 100mg 449. 2nd dose 100mg		
	450. 1st dose 100mg 451. 2nd dose 100mg		
	452. 1st dose 100mg 453. 2nd dose 100mg		
	454. 1st dose 100mg 455. 2nd dose 100mg		
	456. 1st dose 100mg 457. 2nd dose 100mg		
	458. 1st dose 100mg 459. 2nd dose 100mg		
	460. 1st dose 100mg 461. 2		