

The results in fifty-four cases were not ascertained; three hundred and twenty ended in recovery and twenty-three in death, a mortality rate of 6.5 per cent. Sixty cases were amputations in the tarsal or metatarsal bones; three hundred and forty-seven were amputations of the toes. Few details of the cases were reported.

CASE 935.—Corporal G. Marsh, Co. G, 17th Iowa, aged 25 years, received a shot wound of the right foot, at Champion Hills, May 16, 1863, and was conveyed to Gayoso Hospital, Memphis, two weeks afterwards. After some time had elapsed in an attempt to save the whole foot an operation was resorted to which involved the four small toes and metatarsal bones. The wound healed kindly, and the patient recovered with a comparatively useful foot. The case was reported by Surgeon J. Bryan, U. S. V.<sup>1</sup> The patient was subsequently transferred to Jefferson Barracks, where he was discharged from service October 6, 1863, and pensioned. Examining Surgeon J. Windle, of Des Moines, Iowa, certified to the loss of the four small toes and metatarsal bones, "leaving the big toe greatly deformed, the ankle-joint stiff, and the muscles on the sole of the foot contracted so that the toe touches the ground first and causes him to walk with difficulty. The limb is considerably wasted and weak." The pensioner was paid September 4, 1881.

TABLE CII.

Summary of Sixty Cases of Amputations in the Tarsal or Metatarsal Bones of Uncertain Date for Gunshot Injury.

[ Recoveries, 1—32; Deaths, 33—49; Results unknown, 50—60.]

No.	NAME, MILITARY DESCRIPTION, AND AGE.	DATES.	OPERATIONS, OPERATORS, RESULT.	No.	NAME, MILITARY DESCRIPTION, AND AGE.	DATES.	OPERATIONS, OPERATORS, RESULT.
1	Aikins, J. T., Pt., A, Phillip's Legion.	May 3, '63.	—; Chopart's. Furloughed.	30	Tedrick, W. L., Pt., F, 149th Penn., age 21.	May 5, '64.	Left; toe and 2d metatar. Discharged February 10, 1865.
2	Barnes, J. G., Pt., B, 38th Va. Art'y., age 19.	April 18, '64.	Left. Retired March 22, 1865.	31	Tilly, J., Lieut., E, 34th North Carolina.	July 3, '63.	Right; Chopart's. Paroled Oct. 24, 1863; exchanged.
3	Berry, H. T., Pt., H, 6th Alabama.	—, '64.	Right; great toe and metatarsal. Furloughed August, 1864.	32	Weinkler, F. E., Pt., C, 6th Louisiana.	July —, '63.	—; Transferred.
4	Bisbee, N., Serg't, K, 89th New York, age 43.	June 18, 1864.	Right; toes and 3d metatarsal; April, 1865, amput'n leg. Discharged May 25, 1865.	33	Becker, F., Pt., G, 32d Indiana.	De. 31, '62.	—; Died January 21, 1863.
5	Blevins, F., Pt., A, 26th North Carolina.	J'y 3, '63.	Right; Chopart's. Retired February 3, 1865.	34	Colgan, J. A., Corp'l, D, 14th South Carolina.	1864.	Right. Died September 13, 1864.
6	Duck, C. N., Pt., B, 17th Virginia, age 19.	Aug. 3, '62.	—; Chopart's. Furlough'd September 15, 1862.	35	Crockett, W., Pt., B, 19th Maine.	May 6, '64.	Right. Died June 8, 1864.
7	Burnett, W. B., Lieut., G, 10th Arkansas.	1863.	—; To custody of Provost Marshal.	36	Davis, B. M., Pt., B, 29th Georgia.	1862.	—; Died September 12, 1862.
8	Collins, W. A., Pt., F, 63d Tenn., age 31.	J'y 31, '64.	—; 4th toe and metatarsal; necrosis. Recovery.	37	Estey, J. A., Pt., C, 18th Georgia.	1862.	—; Died September 11, 1862.
9	Denham, G. D., Corp'l, B, 15th Alabama.	Sept. 20, '63.	Left. Furloughed Oct. 3, 1864.	38	Freeman, C. D., Pt., F, 4th Massachusetts.	June 14, '63.	Left. Died July 17, 1863.
10	Gaspar, J., Pt., H, 8th Louisiana.	J'y 3, '63.	Left. Discharged November 19, 1863.	39	Furry, E. M., Serg't, G, 73d Ohio.	Aug. 31, '62.	—; Died September 23, 1862.
11	Gleason, J., Pt., D, 7th N. C., age 42.	Dec. 14, '62.	Right; Chopart's. Duty Nov. 4, 1863.	40	Gordon, V., Corp'l, K, 55th Virginia.	J'y 31, '62.	Right (gangrenous); erysipelas. Died August 4, 1862.
12	Hardy, R. F., Pt., C, 38th Va., age 24.	July 3, '63.	Left; Chopart's; gangrene. Exchanged March 17, 1864.	41	Greenwood, E. W., Pt., G, 53d Mass.	June 14, '63.	—; Died July 6, 1863.
13	Harsen, S., Pt., A, 2d South Carolina.	1863.	Left. Sent to Nashville.	42	Hoffman, A., Aide-de-Camp to Gen. Trimble.	1863.	—; Died August 10, 1863.
14	Hickman, J. W., Pt., B, 2d Louisiana.	—, '64.	Left. Discharged January 23, 1863.	43	Hannicutt, J. B., Pt., G, 12th South Carolina.	1864.	Left. Died June 27, 1864.
15	Holmes, G. W., Pt., F, 73d Ohio, age 36.	De. 28, '64.	Left; great toe and half of metatarsal. Disch'd May 9, 1865.	44	Mitchell, W., Pt., E, 25th Virginia.	1862.	Right. Died July 24, 1862.
16	Ingle, W. F., Serg't, A, 2d Ind. Cav., age 21.	Jan. 27, '64.	Left; Lisfranc's. Disch'd October 4, 1864.	45	Rowland, S., Serg't, A, 78th New York.	May 3, '63.	Both. Died June 6, 1863.
17	Johnson, G. N., Serg't, B, 154th New York.	—, '64.	Right; great toe and metatarsal. Recovery.	46	Stuart, J. W., Pt., I, 9th Iowa.	Mar. 7, '62.	Left. Died May 6, 1862.
18	Johnson, T. T., Pt., K, 59th Georgia.	Aug. 9, '63.	Right. Paroled September 23, 1863.	47	Wooden, A., Pt., E, 21st Virginia.	—, '62.	—; Died July 1, 1863.
19	McDonnell, C., Pt., C, 6th North Carolina.	July 3, '63.	—; Paroled September 12, '63.	48	Wooding, H., Serg't, I, 24th Connecticut.	1863.	—; Died July 23, 1863; diarrhoea.
20	Marsh, G., Corp'l, G, 17th Iowa, age 25.	July 3, '63.	Right; four small toes and metatarsals. Disch'd Oct. 6, 1864.	49	Cannady, J. W., Pt., I, 3d South Carolina.	May 24, '63.	—.
21	Miller, M., Pt., G, 10th Louisiana.	M'y 16, '63.	Left; Chopart's. Furloughed.	50	Colley, T. W., Serg't, D, 1st Virginia Cavalry.	July 3, '63.	Left.
22	Morrison, J. G., Aide-de-Camp to General T. J. Jackson.	July 2, '63.	—; Chopart's. Recovery.	51	Garrison, F. M., Pt., I, 13th Alabama.	1864.	Left; great toe at tarso-metatarsal articulation.
23	Patrick, W. A., Pt., F, 16th Georgia.	—, '63.	—; Paroled August 22, 1863.	52	Greenwood, A., Pt., C, 55th Virginia.	—, '63.	Right; two toes and portions of metatarsals.
24	Rogers, J., Pt., B, 44th North Carolina, age 23.	July 3, '63.	Left; Chopart's. Retired February 14, 1865.	53	Hendrix, G. A., Pt., E, 2d South Carolina.	1864.	Right.
25	Shaw, L., Pt., K, 6th Vermont, age 41.	Oct. 14, '63.	Right; 1st toe at scaphoid, 2d toe and metatarsal. Disch'd Aug. 11, 1865; pensioned.	54	Herron, D. E., Pt., I, 42d Georgia.	1865.	Right.
26	Stamps, W. E., Serg't, Maj., 24th Miss., age 32.	April 2, 1865.	Right; 2d toe and metatarsal. Transferred Oct. 27, 1864.	55	Knight, R. H., Pt., K, 45th Georgia.	1865.	Left.
27	Slaughter, D. W., Pt., K, 18th Georgia.	Se. 13, '64.	Right. Discharged December 1, 1862.	56	Landing, J. F., Pt., A, 38th North Carolina.	1863.	—.
28	Smithers, B. G., Corp'l, C, 11th Mass.	—, 1862.	Right; great toe, excision 1st and 2d metatarsals. Recovery.	57	Lindsay, A. T., Pt., F, 6th South Carolina.	1864.	Left.
29	Sowle, H., Pt., F, 37th Illinois.	Aug. 2, '63.	—; 5th metatar. Ass't Surg. J. Murphy, 37th Ill. Duty May 5, 1863. Died September, 1864.	58	Linsbay, A. L., Pt., E, 60th Alabama.	—, '64.	Right; 2d toe and part of metatarsal.
				59	Powell, R. B., Lieut., C, 2d South Carolina.	Oct. 3, '64.	Left.

<sup>1</sup> BRYAN (JAMES), *Seventeen Additional Cases of Amputations from the Armies of the South-West*, in *Am. Med. Times*, Volume VII, p. 287.