

sion. The patient was discharged from hospital, cured, on September 21st." On October 2, 1861, the patient was discharged from service and pensioned. On December 21, 1864, an artificial arm was furnished by Mr. Lincoln, of Boston, who described the case as a "circular amputation at the middle of the arm," and the stump as "healed." This pensioner died on January 23, 1869. The specimen (FIG. 555) consists of the lower half of the left humerus, from which the outer condyle has been carried away, and a large fragment of the shaft split off and afterward partially reunited.

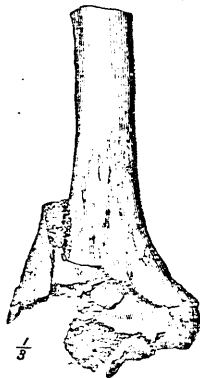


FIG. 555.—Results of shot fracture of outer condyle of left humerus. Spec. 350.

CASE 1700.—Private J. T. Crawford, Co. K, 51st New York, aged 17 years, was wounded in the left arm, at Manassas, August 30, 1862, and entered Judiciary Square Hospital at Washington. Surgeon C. Page, U. S. A., reported: "Gunshot wound through left elbow joint, ball entering nearly over and somewhat toward the outer edge of the coronoid process of the ulna and emerging behind the olecranon. The wound was explored on September 16th, when entire comminution of the joint was discovered. The arm was amputated at the middle third of the humerus, on October 7th, by Acting Assistant Surgeon F. H. Brown. Ether was used." The specimen (FIG. 556) was contributed by the operator, and consists of "the lowest third of the left humerus and upper halves of the bones of the forearm. * * A nearly longitudinal fracture has split off the lower and outer four inches of the humerus; the tip of the olecranon is fractured, and the articular surfaces of the three bones are carious. A large fragment of the shaft has reunited with displacement. The epiphysical lines are well shown."—(*Cat. Surg. Sect.*, 1863, p. 165.) On March 28th, the patient was transferred to Ladies' Home, New York City, whence he was transferred to the Veteran Reserve Corps on September 14, 1863. He was ultimately discharged on November 28, 1865, and pensioned. An artificial arm was furnished in May, 1864, by Mr. Lincoln, of Boston, who reported that the amputation was performed by flap method. In his application for commutation, in 1870, the pensioner reported that two operations were performed, subsequent to the amputation, by Surgeon A. B. Mott, U. S. V., and Acting Assistant Surgeon G. M. Smith, at the Ladies' Home Hospital, and described "the remaining stump of the arm as being four inches long from the shoulder, and in good condition." This pensioner was paid June 4, 1875.



FIG. 556.—Shot comminution of the left elbow. Spec. 132.

TABLE LXXXVI.

Condensed Summary of One Hundred and Twenty-Seven Cases of Recovery after Secondary Amputation in the Middle Third of the Shaft of the Humerus.

No.	NAME, AGE, AND MILITARY DESCRIPTION.	DATES.	OPERATIONS, OPERATOR, RESULT.	No.	NAME, AGE, AND MILITARY DESCRIPTION.	DATES.	OPERATIONS, OPERATOR, RESULT.
1	Allen, J. B., Serg't, B. 3rd Ohio.	May 22, '62; '63	Left. Discharged Aug. 7, 1863; pensioned.	16	Brundage, E. A., Pt., F. 11th Michigan Cav.	Oct. 2, Nov. 27, 1864.	Right: circular: by A. A. Surg. G. W. McMillan. Discharged March 20, 1865; pensioned.
2	Averill, J., Corp'l, K. 154th New York.	Oct. 27, '62; '63	Right. Discharged February 25, 1863; pensioned. Spec. 607.	17	Burt, E., Pt., G, 30th Indiana.	De. 31, '62; Mar. 14, 1863.	Left: flap: by A. A. Surgs. J. W. Knight and J. M. Pillsbury. Disch'd Aug. 17, '63; pensioned.
3	Babcock, D. A., Serg't, C. 6th N. Y. C., age 24.	Aug. 16, '64; Oct. 9, 1864.	Left: circ.; by A. A. Surg. J. Neff; (exc. el. joint Aug. 17.) Disch'd Dec. 7, '64; pens'd. Spec. 341E.	18	Calloway, J., Pt., D. 56th Virginia, age 41.	July 9, Aug. 10, 1864.	Left: circ.; by A. A. Surg. A. Kessler; (July 9, excision of ulna.) For exchange Sept. 19, 1864.
4	Baker, A. D., Pt., A. 1st Pa. Rifles, age 20.	Sept. 14, Oct. 15, 1862.	Left: lateral flap: by A. A. Surg. W. W. Keen. Disch'd Nov. 27, '62; pens'd. Re-amp. 1869. Spec. 780.	19	Carter, R. E., Pt., E. 7th Mo. S. M., age 23.	Oct. 23, Dec. 3, '64.	Left: circ.; by A. A. Surg. G. H. Hood. Duty March 22, 1865.
5	Barlett, R. F., Serg't, D. 90th Ohio, age 23.	Nov. 3, Dec. 12, '63	Left: circ.; by A. Surg. S. H. Orron. U. S. A. Dis'd Jan. 25, '64; pens'd.	20	Carmack, A., Pt., 63d Indiana, age 35.	May 14, Jul. 13, '64.	Right: flap. Discharged August 30, 1865.
6	Beck, G., Pt., B. 25th Ill., age 20.	May 27, Aug. 17, 1864.	Right: circ.; by A. A. Surg. L. B. McNabb; (amp. forearm May 28; gangrene.) Mustered out Sept. 27, 1864; pensioned.	21	Cary, G. W., Pt., A. 85th Illinois.	April 8, May 15, 1864.	Right: flap: by Surg. W. S. Webster, 95th C. T.; (exc. wrist April 8, '64.) Dis'd June 16, '64; pens'd.
7	Bennett, J., Pt., G, 118th N. Y., age 24.	May 16, Jc 19, '64.	Left: circular. Discharged Dec. 26, 1864; pensioned.	22	Chambers, D., Pt., I. 5th Tenn., age 17.	May 14, Aug. 10, 1864.	Right: flap: by A. Surg. W. B. Trull, U. S. V.; (gangrenous.) Discharged June 14, 1865.
8	Berry, P., Pt., A, 31st Maine, age 21.	May 12, July 12, 1864.	Left: flap: by Surg. N. R. Mosley. U. S. V.; (amp. forearm May 14; crysip.; necrosis.) Disch'd Sept. 28, '64; pensioned. Spec. 2873.	23	Childs, H. F., Pt., G, 55th Illinois.	June 17, July 22, 1864.	Left: lat. flap: by A. A. Surg. R. W. Carle; (exc. humerus June 18.) Disch'd Jan. 26, '65; pens'd.
9	Bierce, P., Pt., A, 1st Ohio Art., age 20.	Nov. 13, Dec. 25, 1863.	Left: flap: by Surg. G. H. Lane. 115th Ill.; (Nov. 13, leg amp.) Disch'd Aug. 29, '64; pensioned.	24	Christenberry, S. E., Pt., C. 37th N. C.	July 3, Sep. 5, '63.	Right. Exchanged Mar. 17, 1864. Spec. 2063.
10	Bix, D., Pt., I, 78th New York, age 35.	May 3, Sept. 23, 1863.	Left: double flap: by A. A. Surg. R. A. Cleeman; (May 11, amp. finger; gangrene.) Disch'd Dec. 19, 1863; pensioned. Spec. 2741.	25	Claney, M., Pt., D, 9th Mass., age 26.	July 1, Aug. 14, 1862.	Left: flap: by A. A. Surg. E. M. Robertson. Disch'd Nov. 27, '62. Died Dec. 13, 1864, ch. diarrhoea.
11	Boughan, J. M., Pt., C, 54th Ohio.	May 18, Jc 18, '63.	Left: flap: by Surg. E. McDonnell. U. S. V. Dis'd Nov. 1, '63; pens'd.	26	Cole, T. W., Serg't, D, 7th Illinois, age 26.	May 14, Oct. 23, 1864.	Right: circ.; by Dr. C. H. Richings; (May 14, exc. elb. joint.) Dis'd June 20, 1865; pensioned.
12	Bowers, J. W., Pt., D, 1st Maryland, age 36.	June 1, July 8, 1864.	Left: flap: by A. A. Surg. A. MeLetchie; (gang.; ham'c amp. sh. j't Mar. 22. Disch'd July 3, '65; pensioned. Died July 21, 1868.	27	Connelly, M., Pt., D, 65d N. Y., age 23.	June 3, 12, '64.	Left: circ.; by A. A. Surg. J. P. Arthur; (exc. ulna June 3.) June, 1865, removal of bone. Disch'd October 5, 1865; pensioned.
13	Brady, H., Pt., G, 6th Wisconsin.	Sept. 17, Dec. 18, 1862.	Left by A. A. Surg. L. Heard. Discharged January 15, 1863; pensioned. Re-amp. Sept., 1864.	28	Coolley, J. W., Pt., G, 44th Georgia, age 22.	July 1, Sep. 2, '62.	Left: circ.; by Surg. W. A. Thom. P. A. C. S.; Disch'd Oct. 11, '62.
14	Brandon, J. J., Pt., H, 41st Miss., age 26.	No. 20, '64; Feb. 7, '65	Right: circ.; by Surg. B. B. Breed. U. S. V. To Pro. Mar. May 6, '65.	29	Coons, O. C., Pt., H, 65th New York, age 24.	May 5, Sept. 10, 1864.	Right: circular: by A. A. Surg. H. Craft; (gangrene.) Mar. 27, '65, sequestrum removed. Disch'd May 27, 1865. Spec. 1990.
15	Brown, R. N., Pt., G, 23d Massachusetts.	May 16, Sept. 19, 1864.	Right: circ.; by A. A. Surg. T. B. Townsend; (June 9, amp. forearm.) Disch'd Feb. 7, '65; pens'd.	30	Cost, G. T., Corp'l, C, 4th Ohio.	De. 21, '62; Fe. 16, '63.	Right: circ.; by Surg. J. P. Weeks, 51st Ill. Disch'd April 4, 1863; pensioned.