

Nicholas Shaheed

Pulse

For Solo Flute, Computer, and Heart-Rate Monitor

2015

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Movement I

♩ = Heart Beat

The musical score for 'Pulse' Movement I consists of 35 measures. The key signature is one flat (B-flat), and the time signature changes from 4/4 to 3/4 and back to 4/4. The score includes various musical notations such as rests, eighth notes, quarter notes, and sixteenth notes, along with dynamic markings like *p*, *mf*, and *f*. The score is divided into systems of five measures each, with measure numbers 1 through 35 indicated above the notes.

Measure 1: 4/4, whole rest, *p*.
Measure 2: 4/4, eighth notes, *p*.
Measure 3: 4/4, eighth notes, *p*.
Measure 4: 4/4, eighth notes, *p*.
Measure 5: 4/4, eighth notes, *p*.
Measure 6: 4/4, eighth notes, *p*.
Measure 7: 4/4, eighth notes, *p*.
Measure 8: 4/4, eighth notes, *p*.
Measure 9: 4/4, eighth notes, *p*.
Measure 10: 4/4, eighth notes, *p*.
Measure 11: 4/4, eighth notes, *p*.
Measure 12: 4/4, eighth notes, *p*.
Measure 13: 4/4, eighth notes, *p*.
Measure 14: 4/4, eighth notes, *p*.
Measure 15: 4/4, eighth notes, *p*.
Measure 16: 4/4, eighth notes, *p*.
Measure 17: 4/4, eighth notes, *p*.
Measure 18: 4/4, eighth notes, *p*.
Measure 19: 4/4, eighth notes, *p*.
Measure 20: 4/4, eighth notes, *p*.
Measure 21: 4/4, eighth notes, *p*.
Measure 22: 4/4, eighth notes, *p*.
Measure 23: 4/4, eighth notes, *p*.
Measure 24: 4/4, eighth notes, *p*.
Measure 25: 4/4, eighth notes, *p*.
Measure 26: 4/4, eighth notes, *p*.
Measure 27: 4/4, eighth notes, *p*.
Measure 28: 4/4, eighth notes, *p*.
Measure 29: 4/4, eighth notes, *p*.
Measure 30: 4/4, eighth notes, *p*.
Measure 31: 4/4, eighth notes, *p*.
Measure 32: 4/4, eighth notes, *p*.
Measure 33: 4/4, eighth notes, *p*.
Measure 34: 4/4, eighth notes, *p*.
Measure 35: 4/4, eighth notes, *p*.

35 *f* 36 37 38 *p* 39

39 *mf* 40 41 42

42 *f* 43 44 45 46 47

47 *ff* 48 49 50 51 52

52 53 54 55 56 57

57 58 59 60 61 62 63

63 64 65 66

66 67 68 69

69 70 71 72 73 74 75

75 76 77 78 79 80 81

Detailed description: This musical score is written for a single melodic line on a grand staff (treble clef). It consists of 47 measures, numbered 35 to 81. The key signature is one sharp (F#), and the time signature is 3/4. The score includes various dynamic markings: *f* (forte) at measures 35, 42, and 47; *ff* (fortissimo) at measure 47; *mf* (mezzo-forte) at measure 39; and *p* (piano) at measure 38. There are also crescendo and decrescendo hairpins. The notation features a variety of note values, including eighth, sixteenth, and thirty-second notes, as well as rests and ties. Some measures contain triplets or sixteenth-note runs. The piece concludes with a final measure (81) that has a fermata.

81 82 83 84 85 86

86 87 88 89

89 90 91 92

92 93 94 95

95 96 97 98 99 100 101

fff

101 102 103 104 105 106 107 108

p

108 109 110 111 112 113

sfz p sfz p

113 114 115 116 117 118

pp p

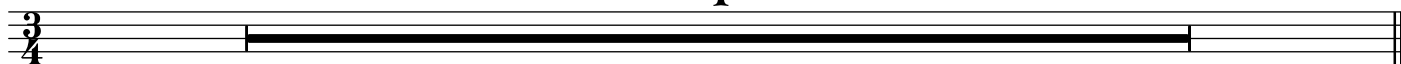
118 119 120 121 122 123 124

mf pp p

124 125 126 127 128 129 130 131

Interlude

4



4
Movement II

♩ = Heart Beat

Measures 1-10: 3/4, 4/4, 3/4, 4/4, 4/4, 3/4, 4/4, 4/4, 3/4, 4/4. Measure 1 starts with *p*. Measure 3 has an accent (+). Measure 5 has an accent (>). Measure 8 has a fermata. Measure 10 has a fermata.

Measures 11-18: 3/4, 4/4, 3/4, 4/4, 4/4, 3/4, 4/4, 5/4. Measure 14 has a slur. Measure 16 has a fermata. Measure 17 has an accent (+) and a dynamic marking *f*.

Measures 19-23: 3/4, 5/4, 3/4, 4/4, 3/4, 4/4, 4/4, 3/4. Measure 19 has a dynamic marking *p*. Measure 20 has a dynamic marking *sf*. Measure 21 has a dynamic marking *p*. Measure 22 has a dynamic marking *sf*. Measure 23 has a dynamic marking *mf* and a triplet (3).

Measures 24-29: 3/4, 4/4, 4/4, 4/4, 4/4, 4/4, 4/4, 4/4. Measure 24 has a triplet (3). Measure 26 has a dynamic marking *cresc. poco a poco*. Measure 27 has a dynamic marking *cresc. poco a poco*. Measure 28 has a dynamic marking *cresc. poco a poco*. Measure 29 has a dynamic marking *cresc. poco a poco*.

Vertical diagrams (from left to right):

- Diagram 1: Scale with C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled), A (half-filled), B (half-filled), C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled). Highlighted note: C (open).
- Diagram 2: Scale with C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled), A (half-filled), B (half-filled), C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled). Highlighted note: D (half-filled).
- Diagram 3: Scale with C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled), A (half-filled), B (half-filled), C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled). Highlighted note: E (half-filled).
- Diagram 4: Scale with C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled), A (half-filled), B (half-filled), C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled). Highlighted note: F (half-filled).
- Diagram 5: Scale with C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled), A (half-filled), B (half-filled), C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled). Highlighted note: G (half-filled).
- Diagram 6: Scale with C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled), A (half-filled), B (half-filled), C (open), D (half-filled), E (half-filled), F (half-filled), G (half-filled). Highlighted note: A (half-filled).

29 30 31 32 33 34 35

ff

35 36 38 39 40 41 42

ff *p*

42 43 44 45 46 47 48 49

ff

49 50 51 52 53 54 55

ff

55 *p* 56 *mp* 57 *mf* 58 59 60 *mp* 61

61 62 63 64 65 66 67

67 68 69 70 71 72 73 74

74 75 76 77 78 79 80

80 81 82 83 84 85 86 87 88 89

24 *tr* *f*

30 *sp*

37 *fl.* *sp* *mf*

43 *molto legato* *pp*

50

56 *tr*

63 *mp* *mf*

70 *f*

79

87 *p* molto legato

95

102

110

The musical score consists of a single melodic line on a treble clef staff. The key signature has one flat (B-flat). The piece begins at measure 63 with a 4/4 time signature and a mezzo-piano (*mp*) dynamic. It transitions to 3/4 time at measure 64 and back to 4/4 at measure 65, where the dynamic becomes mezzo-forte (*mf*). At measure 70, the time signature changes to 2/4 and the dynamic increases to forte (*f*). Between measures 70 and 79, there is a vertical box containing a single note. At measure 79, the time signature changes to 3/4. At measure 87, the time signature changes to 2/4 and the dynamic decreases to piano (*p*), with the instruction "molto legato" above the staff. The piece continues through measures 95, 102, and 110, ending with a double bar line. The score includes numerous slurs, accents, and trills throughout.