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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Puzzle number** | **Puzzle type** | **Knowledge tested** | **Number of groups/individuals accessing the puzzle** | **Average time spent on puzzle (mm:ss)** | **Number of groups/individuals needing the clue (%)** | **Number of groups/individuals needing the answer (%)** | **Average number of attempts at lock code per group** |
| 1 | Jigsaw puzzle | ECG interpretation (basic) | 58 | 07:53 | 32.8 | 29.3 | 5.0 |
| 2 | Crossword puzzle | Anti-arrhythmic pharmacology | 50 | 11:11 | 62.0 | 46.0 | 2.3 |
| 3 | Hidden clues / diagnose patient | Electrophysiology (afterdepolarizations) | 47 | 05:16 | 72.3 | 74.5 | 9.4 |
| 4 | Hidden image / cipher | Cardiac conduction system (subsidiary pacemakers) | 45 | 04:19 | 68.9 | 57.8 | 2.9 |
| 5 | Hidden clues / diagnose patient | Atrial fibrillation (diagnosis and treatment) | 43 | 07:05 | 74.4 | 58.1 | 13.6 |
| 6 | Diagnose patient | Acute coronary syndromes on ECG | 43 | 03:50 | 46.5 | 39.5 | 2.3 |

**Table 1.** Summary of Google Analytics and Tag Manager data assessing puzzle difficulty.