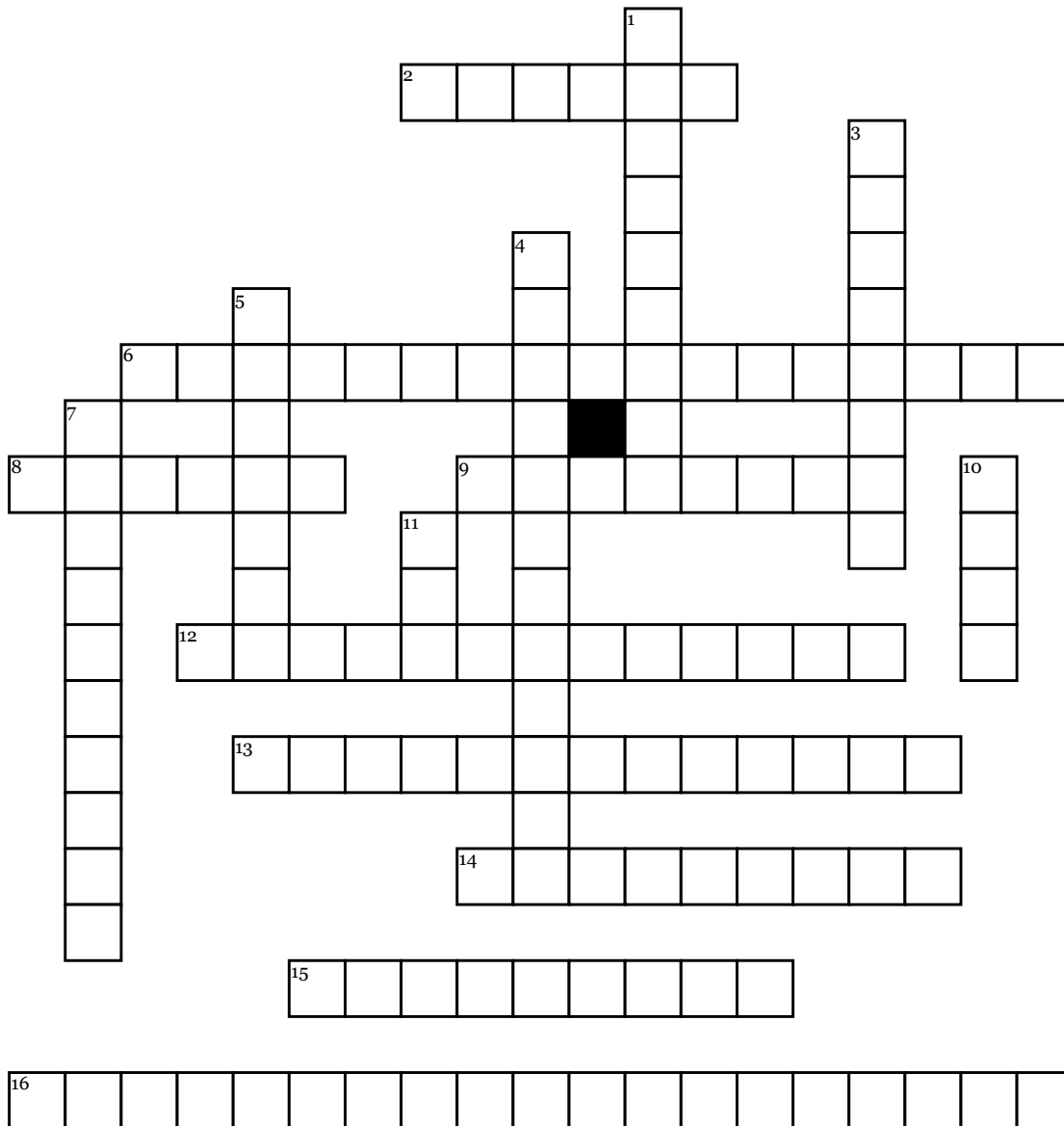


MI unit 3 Detecting Cancer



Across

- 2. A malignant tumor of potentially unlimited growth that expands locally and systemically.
- 6. Technologies that doctors use to look inside your body for clues about a medical condition; includes X-rays, CT scans, nuclear medicine scans, MRI scans and ultrasound
- 8. removal and examination of tissue, cells, or fluids from the living body
- 9. test that detects areas if increased or decreased bone metabolism; test is performed to identify abnormal bone process such as tumor, infection, or fracture.
- 12. A microarray of immobilized single-stranded DNA fragments of known nucleotide sequence that is used especially in the identification and sequencing of DNA samples and in the analysis of gene expression (as in a cell or tissue).

- 13. A normal cellular gene corresponding to an oncogene; a gene with a potential to cause cancer but that requires some alteration to become an oncogene. (with dash)
- 14. A branch of medicine concerned with the use of radiant energy (as X-rays or ultrasound) in the diagnosis and treatment of disease.
- 15. changes that occur within a cell as it undergoes programmed cell death, brought about by signals that trigger activation of a cascade of suicide proteins in cell to die.
- 16. A gene whose protein products inhibit cell division, thereby preventing uncontrolled cell growth (cancer).

Down

- 1. An ordered sequence of events in the life of a eukaryotic cell, from its origin in the division of a parent cell until its own division into two.

- 3. A gene having the potential to cause a normal cell to become cancerous.
- 4. A cancer derived from bone or containing bone tissue.
- 5. A sectional 3-dimensional view of the body constructed by computed tomography. (abbreviated)
- 7. Something which increases risk or susceptibility.
- 10. To examine, treat, or photograph with X-rays.
- 11. A noninvasive diagnostic technique that produces computerized images of internal body tissues and is based on nuclear magnetic resonance of atoms within the body induced by the application of radio waves. (abbreviated)