**Example 1:**

**Your patient has 45 years and complains of frequent migraine headaches. She tried different medications but is afraid of side-effects. She is healthy, except for the history of asthma during childhood. She read in a magazine about bio-feedback and using relaxation as a treatment for migraine. She is asking you for advice.**

Lab 2

**Which type of question are you asking?**

1) intervention 2) etiology/risk factor 3) prevalence 4) diagnosis 5) prognosis 6) phenomenon

**Determine relevant terms:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| Patient/problem/population | Intervention/indicator | Comparison/control | Outcome | Type of study |
|  |  |  |  |  |

**Formulate the question:**

Lab 3

**Determine key words for each of the segments and link them with AND operators (think about synonyms):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| **Patient/problem/population**  Make a list of terms and link them with OR operator | **Intervention/indicator**  Make a list of terms and link them with OR operator | **Comparison/control**  Make a list of terms and link them with OR operator | **Outcome**  Make a list of terms and link them with OR operator | **Type of study**  Determine the type of study you are interested in |
|  |  |  |  |  |

**Example 2:**

**Your patient has 56 years. He was released from a hospital 6 weeks before, after he was admitted because of slight heart failure. He comes to you for a check up. He feels well but sometime fells that his heart “misses a beat”. ECG confirms atrial fibrillation. The patient wanders if this arrhythmia is dangerous and needs a treatment. Preventive anticoagulant warfarine therapy is one possibility but carries a small risk of stroke because of bleeding. You want to check if the risks of such therapy outweigh its benefits.**

Lab 2

**Which type of question are you asking?**

1) intervention 2) etiology/risk factor 3) prevalence 4) diagnosis 5) prognosis 6) phenomenon

**Determine relevant terms:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| Patient/problem/population | Intervention/indicator | Comparison/control | Outcome | Type of study |
|  |  |  |  |  |

**Formulate the question:**

Lab 3

**Determine key words for each of the segments and link them with AND operators (think about synonyms):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| **Patient/problem/population**  Make a list of terms and link them with OR operator | **Intervention/indicator**  Make a list of terms and link them with OR operator | **Comparison/control**  Make a list of terms and link them with OR operator | **Outcome**  Make a list of terms and link them with OR operator | **Type of study**  Determine the type of study you are interested in |
|  |  |  |  |  |

**Example 3:**

**Parents of your patient want to sue you as her family physician because of malpractice. Their 22 year-old daughter suddenly fainted at home. They took her to ER, where she was pronounced dead on arrival. The ER doctor mentioned a blood clot in her lungs. Local organization “Parents against contraceptives industry” is talking the parents into suing the producer and you because you prescribed the contraceptive about a year ago. You want to check the association between oral contraceptives and thromboembolism.**

Lab 2

**Which type of question are you asking?**

1) intervention 2) etiology/risk factor 3) prevalence 4) diagnosis 5) prognosis 6) phenomenon

**Determine relevant terms:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| Patient/problem/population | Intervention/indicator | Comparison/control | Outcome | Type of study |
|  |  |  |  |  |

**Formulate the question:**

Lab 3

**Determine key words for each of the segments and link them with AND operators (think about synonyms):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| **Patient/problem/population**  Make a list of terms and link them with OR operator | **Intervention/indicator**  Make a list of terms and link them with OR operator | **Comparison/control**  Make a list of terms and link them with OR operator | **Outcome**  Make a list of terms and link them with OR operator | **Type of study**  Determine the type of study you are interested in |
|  |  |  |  |  |

**Example 4:**

**Your patient takes nicotine replacement therapy as smoking cessation treatment. His friends suggested acupuncture as a quicker therapy. You want to check if this is true.**

Lab 2

**Which type of question are you asking?**

1) intervention 2) etiology/risk factor 3) prevalence 4) diagnosis 5) prognosis 6) phenomenon

**Determine relevant terms:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| Patient/problem/population | Intervention/indicator | Comparison/control | Outcome | Type of study |
|  |  |  |  |  |

**Formulate the question:**

Lab 3

**Determine key words for each of the segments and link them with AND operators (think about synonyms):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| **Patient/problem/population**  Make a list of terms and link them with OR operator | **Intervention/indicator**  Make a list of terms and link them with OR operator | **Comparison/control**  Make a list of terms and link them with OR operator | **Outcome**  Make a list of terms and link them with OR operator | **Type of study**  Determine the type of study you are interested in |
|  |  |  |  |  |

**Example 5:**

**Your friend asks you if there is evidence for the use of feverfew in the therapy of migraine.**

Lab 2

**Which type of question are you asking?**

1) intervention 2) etiology/risk factor 3) prevalence 4) diagnosis 5) prognosis 6) phenomenon

**Determine relevant terms:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| Patient/problem/population | Intervention/indicator | Comparison/control | Outcome | Type of study |
|  |  |  |  |  |

**Formulate the question:**

Lab 3

**Determine key words for each of the segments and link them with AND operators (think about synonyms):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| **Patient/problem/population**  Make a list of terms and link them with OR operator | **Intervention/indicator**  Make a list of terms and link them with OR operator | **Comparison/control**  Make a list of terms and link them with OR operator | **Outcome**  Make a list of terms and link them with OR operator | **Type of study**  Determine the type of study you are interested in |
|  |  |  |  |  |

**Example 6:**

**Your patient is middle-aged and is a frequent airplane traveler. He is worried because of the risk of deep vein thrombosis during flight. You want to check whether compression socks would be useful in preventing the problem.**

Lab 2

**Which type of question are you asking?**

1) intervention 2) etiology/risk factor 3) prevalence 4) diagnosis 5) prognosis 6) phenomenon

**Determine relevant terms:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| Patient/problem/population | Intervention/indicator | Comparison/control | Outcome | Type of study |
|  |  |  |  |  |

**Formulate the question:**

Lab 3

**Determine key words for each of the segments and link them with AND operators (think about synonyms):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **I** | **C** | **O** | **T** |
| **Patient/problem/population**  Make a list of terms and link them with OR operator | **Intervention/indicator**  Make a list of terms and link them with OR operator | **Comparison/control**  Make a list of terms and link them with OR operator | **Outcome**  Make a list of terms and link them with OR operator | **Type of study**  Determine the type of study you are interested in |
|  |  |  |  |  |