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**GAMBARAN MORFOLOGI ERITROSIT PADA PEKERJA BENGKEL MOTOR YANG SERING TERPAPAR LBS3(Limbah Bahan Bakar Beracun)**

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**ABSTRAK**

**Pendahuluan :** Pesta pembangunan dalam dunia transportasi ternyata sangat berakibat adanya peningkatan kendaraan bermotor yang sangat tinggi sehingga pencemaran udara di kota besar yang semakin terasa. Terutama pada dunia pekerja bengkel yang semakin pesat perkembangan alat transportasi yang ada di dunia. Disamping karbonmonoksida pencemaran dapat berupa partikel debu, aerosol, Pb) dan bentuk gas (CO, NOx, Sox, H2S, hidrokarbon). Mereka bekerja di industri perakitan, komponen, bengkel. Orang yang dalam pekerjaan sehari-hari selalu berhubungan dengan asap kendaraan seperti mekanik bengkel motor akan mendapat paparan emisi kendaraan jauh lebih banyak dari orang yang tidak berhubungan dengan asap kendaraan dalam pekerjaannya. **Tujuan :** Penelitian ini untuk mengetahui gambaran morfologi eritrosit yang sering terpapar LBS3 (Limbah Bahan Bakar Beracun). **Metode penelitian :** yang digunakan untuk mencari dan menganalisa jurnal adalah PICOS, dengan menggunakan sumber jurnal nasional dan internasional dari berbagai database dan menentukan kriteria inklusi dan eksklusi. **Literature review** ini dengan menelaah 5 jurnal yang sesuai dengan topik gambaran morfologi eritrosit pada pekerja bengkel motor yang sering terpapar LBS3 (Limbah Bahan Bakar Beracun). **Hasil :** dari hasil yang terdapat dari 5 jurnal menunjukkan bahwa morfologi eritrosit tidak normal. **Kesimpulan :** kelainan morfologi eritrosit sering terjadi akibat paparan asap kendaraan bermotor. **Saran :** bagi peneliti selanjutnya agar lebih mendalam lagi untuk mengetahui gambaran morfologi eritrosit yang sering terpapar LBS3(Limbah Bahan Bakar Beracun).

**Kata Kunci :** morfologi eritrosit, pekerja bengkel, LBS3(Limbah Bahan Bakar Beracun)

*The Morphological Overview of the Exposed LBS3 (Toxic Fuel Waste) Dirty Mechanic*

**ABSTRACT**

**Introduction :** the rapid development of vehicles increases the number of motorized vehicles highly, so the air pollution of big cities is strongly felt, especially for the world of the mechanical engineer sector. Alongside the carbon monoxide, pollution can be found in the form of particles (dust, aerosol, Pb) and gasses (CO, NOx, Sox, H2S, hydrocarbon). The mechanics are working in the assembly industry, components, and garage. The workers were also contacted with vehicle gasses, for instance, a mechanic will be exposed to higher vehicle emissions than they do not. **The aim of this literature review is to determine the morphological overview of the erythrocyte which was exposed by LBS3 (Toxic Fuel Waste). The method applied to determine and analyze the journals was PICOS, which the journals were from national and international databases, which specified the inclusion and exclusion category. This literature review investigated five journals, which were related to the topic of the morphological overview of the erythrocyte that was exposed by LBS3 (Toxic Fuel Waste). The result of the analyzing of five journals showed that the erythrocyte morphology was not normal. To conclude, the abnormalities of erythrocyte were often occurred due to the exposure of the vehicle. Suggestion: for further researchers to go deeper into the picture of erythrocyte morphology (of the Exposed LBS3 (Toxic Fuel Waste)**